

A CHECK LIST OF THE AUSTRALIAN BUPRESTIDAE.

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With Tables and Keys to Sub-families, Tribes, and Genera, by ANDRÉ THERY,
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PREFACE.

The Catalogue of Australian Coleoptera, published by Masters, in 1886, enumerated 34 genera and 412 species of BUPRESTIDAE, but omitted any reference to Sub-families or Tribes. The present Check List is arranged under two Sub-families, seven Tribes, ten Sub-tribes, forty-eight Genera, ten Sub-genera, and contains the names of 812 species. This increase in the number of recorded species has been accompanied in recent years by a numerous list of synonyms, due to the great amount of uncoordinated systematic work that has been done in this attractive family of insects. This regrettable feature in the systematic work of entomology would be less prevalent if authors would always append a note to their descriptions stating the nearest allies to the alleged new species, with the special characters that differentiate such species from these allies. Such a note at least suggests reasonable care, and some knowledge of the group in question on the part of the author.

The range of each species, so far as at present known, is given, the following abbreviations being used:—A.: Australia generally. N.S.W.: New South Wales. N.Q.: Northern Queensland. N.A.: Northern Australia. N.W.A.: North-western Australia. Q.: Queensland. S.A.: South Australia T.: Tasmania. V.: Victoria. W.A.: Western Australia. Woodlark Island has been included in the Australian region, as well as Banks Island and others that are mere outliers of the Continent.

Thirty-one out of forty-eight Genera in our List of Australian BUPRESTIDAE are endemic, *i.e.*, above 65.5 per cent. This is a smaller proportion than the 75 per cent. of the TENEBRIONIDAE, but the habits and structure of the BUPRESTIDAE account for this. The larvae, in general, being wood-borers, are able to be conveyed in mercantile timber, or to float great distances by sea, while the imago possesses strong powers of flight. I have recorded the capture of living specimens of the North American *Buprestis aurulenta* L. in Victoria and New South Wales, evidently from imported timber. As to the powers of flight, my daughter captured specimens of *Merimna atrata* on the deck of s.s. *Montoro* which ran ashore on a coral sandbank in Torres Strait. In this case the beetles were attracted by the searchlight of H.M.S. *Geranium* which stood by during the night. This sandbank was at least fifty miles from the mainland, the presumable home of the beetles.

The six Genera most largely represented by species are:—

<i>Stigmodera</i> (Sub-genera <i>Themognatha</i> and <i>Castiarina</i>)	333 species.
<i>Melobasis</i> (Sub-genera <i>Briseis</i> and <i>Diceropygas</i>)	74 species.
<i>Cisseis</i> (Sub-genera <i>Hypocisseis</i> , <i>Pachycisseis</i> and <i>Neospades</i>)	74 species.
<i>Neocuris</i>	34 species.
<i>Astraeus</i>	23 species.
<i>Agrilus</i>	20 species.

Of these six four are endemic, while of the other two *Melobasis* only extends to the Austro-Malay regions, with a few individuals in Oceania; *Agrilus* is world-wide. While including the very large *Stigmodera* group in the endemic genera, Monsieur Théry has sent me for examination a few undescribed species as from New Guinea. It is notable that the South American genus *Conognatha* is the nearest relation to *Stigmodera*, while of the neighbouring genus *Curis*, there exist at least four species in South America.

The following table shows the range of our Genera that are not confined to Australia:—

	Europe.	Asia.	Africa.	America.	Oceania or Indo-Malay		Europe.	Asia.	Africa.	America.	Oceania or Indo-Malay
<i>Agrilus</i> . . .	*	*	*	*	*	<i>Polycesta</i> . . .			*	*	
<i>Aphanisticus</i>						<i>Melobasis</i>					
<i>Endelus</i> . .	*	*	*	*	*	and S.G. . .					*
<i>Habroloma</i> and						<i>Calodema</i> . . .					*
<i>Trachys</i> . .	*	*	*	*	*	<i>Metarymorpha</i>					*
<i>Mastogenius</i> .				*	*	<i>Curis</i>				*	
<i>Belionota</i> . . .		*	*	*	*	<i>Cyphogastra</i> .					*
<i>Chrysobothris</i>	*	*	*	*	*	<i>Chrysoderma</i> .	*				*
<i>Castalia</i> . . .		*	*	*	*	<i>Paracupta</i> . . .					*

The following Genera have disappeared from Australian lists since the publication of Masters' Catalogue:—

Chalcophora. This in Masters' Cat. included the whole Tribe *Chalcophorini*.

Eurybia. Erroneously used for the earlier *Euryspilus*.

*Cinyra**. Erroneously used for *Cisseis*.

Anthaxia. Erroneously applied. See App. for possible Aust. record.

Notograptus. Mis-spelling for *Notographus*.

Conognatha. No. 2737 Masters' Cat. is an *Astræus*.

Coræbus. The 3 spp. in Masters' Cat. are *Neospades*, *Hypocisseis* and *Cisseis* respectively.

Discoderes. Doubtfully applicable.

Acherusia. No. 2978 Masters' Cat. is a Brazilian species.

Sphenoptera. Erroneously applied to species now *Neobuprestis*.

* *Cinyra spilota* Hope (Macleay MSS). Mr. Blair writes: "I have seen the alleged type bearing this label in the Hope Coll. The specimen is *Cisseis bicolor* C. & G. The description does not fit this species, and I can only conclude, either that the label has been misplaced, or that Hope had hold of the wrong insect when writing his description. Walker sends the type of *C. signaticollis* suggesting that the labels have been transposed, as the description appears to fit this insect as well as anything, but the description of *C. signaticollis* undoubtedly fits the type. As these markings, with the pair of discal white spots on the thorax are comparatively rare in the genus, and the spots are more often than not missing in *signaticollis*, it rather seems as though Hope must have described the same insect twice. If we can assume this, I think the best thing will be to sink the name *spilota* as a synonym of *signaticollis*."

Classification (by ANDRE THERY.)

A study of the general classification of the BUPRESTIDÆ of the world that I have recently carried out lead me to the following conclusions:—

The classification of organic life is subject to two laws:—

1. The non-reversibility of acquired characters.
2. The progressive development of such in phyletic branches.

It follows from this that highly differentiated form, having acquired special characters, not phyletic, cannot give birth to a form deprived of these characters. For example: *Metaxymorpha* could not have given birth to *Stigmodera*, whilst the contrary is possible; a further result is that the large species of a family are the summits of the phyletic branches, consequently the more recent, while the smaller species are the more ancient.

It is rational that a classification should commence with the more archaic forms and pass on to the more recent.

The characters which indicate primitiveness in the BUPRESTIDÆ are:—

In general, small size. The pores of the antennæ concentrated in foveæ on the toothed segments. Prothorax more or less bordered.

The sternites of the abdomen are bordered by rectangular plates (pleural plates) separated from the sternite by a furrow, or simply bordered.

Consequently a classification should exhibit the progress of the evolution of the group by commencing with the lower forms and terminating with the higher.

Classification of Australian BUPRESTIDÆ.

Sub-families.

1. Antennæ having the pores concentrated in a fovea on the toothed segments (primitive forms) BUPRESTINÆ.
2. Antennæ having the pores distributed over both surfaces of the toothed segments (recent forms) CHALCOPHORINÆ.

1. BUPRESTINÆ.

Key to the Tribes.

1. Scutellum not at all covered by pronotum, anterior femora generally unarmed, eyes never converging on vertex 2.
- Scutellum inserted under pronotum, not abruptly terminated at its margin: eyes strongly converging on vertex, or, if not, the anterior femora strongly dentate on their internal edge 3. CHRYSOBOTHRINI.
2. Forehead not narrowed between the antennal cavities, these placed near the border of the eyes 3.
- Forehead narrowed between the antennal cavities, these close together. 1. AGRILINI.
3. Pronotum bordered for the greater part by a carina, its posterior border more or less sinuous, rarely straight 4.
- Pronotum bordered by two lateral carinae, its base truncate 2. MASTOGENINI (*).
4. Mesosternum divided or subdivided, meso-metasternal suture entire or interrupted 5.
- Mesosternum entire, the base of the sternal cavity not touching the anterior border of the metasternum 4. POLYCESTINI.
5. Labrum short, transverse, truncate or bilobed, the mouth not produced into a muzzle; mentum transverse, short 5. BUPRESTINI.
- Labrum rather long, or longer than wide, rounded or subacuminate in front, overlapping the mandibles, the mouth produced into a muzzle; mentum wide, rounded 6. STIGMODERINI.

(*). In the *Mastogenini* the antennal cavities converge more strongly than in the *Polycestini* and less so than in the *Agrilini*. They are easily recognised by their truncate base of pronotum.

I. AGRILINI.

Table of Sub-tribes.

1. Intermediate coxae rather close, front margin of posterior coxae very concave, their lateral branches continued between the sides of metasternum and the lateral prolongation of the abdomen; tarsi more or less elongate . . . *Agrili*.
2. Intermediate coxae distinctly more widely separated than the anterior; front margin of posterior coxae scarcely concave; tarsi very short . . . *Traches*.

A. *Agrili*.

1. Eyes large, touching the pronotum 2.
Eyes small, situated at some distance from the pronotum 9.
2. Prosternum without "mentonnière" (*) or with a very short one, generally with two lateral lobes; suture of the two first abdominal sternites visible; first segment of the posterior tarsi scarcely as long as the following two combined 3.
Prosternum with large mentonnière, entire or sinuate; suture of two first abdominal segments invisible, at least in the middle; tarsi long, their first segment at least as long as the following three combined *Agrilus*.
3. Antennae dentate from the 5th segment onward (**). 4.
Antennae dentate from the 4th segment onward, pronotum never furrowed. 5.
4. Very elongate, depressed, pronotum flat, forming a disc, prosternal process separated from the anterior margin of the metasternum and compressed between the branches of the mesosternum *Synechocera*.
Moderately elongate, pronotum strongly furrowed longitudinally or very uneven, surface irregular, prosternal process touching the metasternum. *Alcinous*.
5. Antennae in repose partly received within a genal serobe (groove), situated between the genal tooth and the eye, thence free 6.
Antennae completely free, no genal serobe, forehead cleft in front throughout its whole length *Ethon*.
6. Forehead almost flat or very deeply furrowed throughout, pronotum convex, even 7.
Forehead very uneven, with deep impressions, or fasciculate, pronotum very uneven, often without the upper carina S.G. *Hypocisseis*.
7. Forehead flat or lightly furrowed, tarsal hooks simply toothed at the base. 8.
Forehead deeply furrowed, tarsal hooks bifid S.G. *Neospades*.
8. Anterior margin of prosternum truncate, without trace of mentonnière. S.G. *Pachycisseis*.
Anterior margin of prosternum with short mentonnière, very strongly sinuate, or reduced to a lobe on each side of the anterior margin of the prosternum *Cisseis*.
9. Pygidium normal, not or scarcely extending beyond the elytra; epipleural fold of the elytra defined on its internal margin by a carina 10.
Pygidium with a conical apex strongly extending beyond the elytra and surmounted by a carina; forehead very convex, epipleural fold of the elytra not differentiated S.G. *Dinocephalia*.
10. Forehead simple, or feebly furrowed *Paracephala*.
Forehead cleft as in *Ethon* S.G. *Meliboethon*.

(*) Mentonnière has no equivalent English word and is applied to the advanced medial lobe of a bisinuate apical margin.

(**). In *Gen. Ins.* Kerremans erroneously gives the antennae of *Alcinous* as dentate from the 6th segment, though correctly in the original description.

B. *Traches*.

1. Antennae toothed before the 8th segment, not clavate 2.
Antennae toothed from the 8th segment, 8-11 forming a club *Aphanisticus*.
2. Rather short, form more or less triangular and depressed above, margins of pronotum always more or less dilated, coloration metallic 3.
Form cylindric, coloration blackish, scarcely metallic *Germanica*.
3. Tarsi free in repose 4.
Tarsi received, in repose, in a cavity of the femora *Endelus*.
4. Form more or less triangular; elytra with a carina extending from the humeral callus towards the apex; prosternum with a well-developed mentonnière *Habroloma*.
Form more or less oval, elytra without carina, prosternum without mentonnière *Trachys*.

II. MASTOGENINI.

(Monotypic.)

Mastogenius.

III. CHRYSOBOTHRINI.

Key to Sub-tribes.

1. Third segment of tarsi simple, not extending beyond the fourth. *Chrysobothres*.
2. Third segment of tarsi deeply emarginate and terminated on each side by a long spine *Actenodae*.

A. *Chrysobothres*.

(Monotypic.)

Chrysobothris.B. *Actenodae*.

1. Eyes strongly converging on the vertex (subcontiguous), scutellum very long, anterior femora unarmed *Belionota*.
2. Eyes distant at vertex, scutellum short, anterior femora strongly dentate *Merimna*.

IV. POLYCESTINI.

Table of Sub-tribes.

- A. Metathoracic episterna exposed *Polycestae*.
- B. Metathoracic episterna completely hidden by the epipleuro-humeral lobe of the elytra, base of pronotum received under the elytra, covered with fine fluting corresponding to a similar fluting under the base of elytra. *Ptosimae*.

A. *Polycestae*.

1. Elytra denticulate at apex 2.
Elytra hidentate at apex, their disc regularly striate *Prospheres*.
2. The 2nd and 3rd segments of antennae equal, elytra without red markings. 3.
The 3rd segment of antennae much longer than the 2nd, elytra generally with a red marking *Castalia*.
3. Lateral prolongation of the abdomen hidden *Polycesta*.
Lateral prolongation of the abdomen exposed and partly concealing the epimera *Microcastalia*.

B. *Ptosimae*.

(Monotypic.)

Xyrosclis.

V. BUPRESTINI.

Table of Sub-tribes.

- A. Metathoracic epinera completely exposed, lateral prolongation of abdomen generally concealed, wholly or partly, by the elytra; poriferous foveae inferior or terminal *Buprestes*.
- B. Metathoracic epinera at least partly concealed by the lateral prolongation of the abdomen; poriferous foveae terminal *Anthaxiae*.

A. *Buprestes*.

1. Elytra not exposing the pygidium 2.
Elytra rounded at apex, rather short and normally exposing the pygidium, even in the male; elytral costae well marked *Neobuprestis*.
2. Scutellum distinct 3.
Without distinct scutellum *Astreeus*.
3. Posterior margin of elytra finely denticulate 4.
Posterior margin of elytra entire 5.
4. Pronotum rounded at sides, as wide as the elytra; these without distinct markings *Neobubastes*.
Pronotum cylindric, narrower than the elytra, these more or less with yellow or tawny markings *Nascioides*.
5. Entirely metallic, pronotum regularly convex 6
Surface varied with yellow, disc of pronotum very irregular *Nascio*.
6. Pronotum as wide at the base as the elytra 7.
Pronotum narrower at the base than the elytra; elytral apices more or less strongly tridentate *Notobubastes*.
7. Body oval, lightly convex 8.
Body cylindric, acuminate posteriorly 9.
8. Elytral apices conjointly rounded (*) *Buprestina*.
Elytral apices bidentate; surface brilliantly metallic *Buprestodes*.
9. Form robust, elytra striate punctate, with costae *Bubastes*. (**).
Form narrower, elytra with costae *Euryspilus*.

(*) . Teste Obenberger.

(**). The tribe BUBASTINI proposed by Obenberger is, we consider, not sufficiently characterized for retention.

B. *Anthaxiae*.

1. Last abdominal sternite excised between two strong spines 2.
Last abdominal sternite rounded or feebly excised 4.
2. Anterior margin of prosternum without lateral tubercles 3.
Anterior margin of prosternum with a tubercle on each side, form more elongate and more attenuate posteriorly S.G. *Brisei*.
3. Scutellum punctiform *Melobasis*.
Scutellum large and generally transverse S.G. *Diceropygus*.
4. Base of pronotum truncate 5.
Base of pronotum clearly bisinuate 6.
5. Size larger, form wide, margins of elytra raised, channelled within and explanate behind *Torresita*.
Size small, form parallel, not enlarged behind; elytral margin normal. *Anilara*.
6. Pronotum not furrowed, having its greatest width at, or near, the base
Pronotum furrowed, constricted at the base and clearly cordiform. *Notographus*.

7. Head narrower than apex of pronotum, last segment of tarsi clearly extending beyond the 4th 8.
 Head wider than apex of pronotum, last segment of tarsi very short, not extending beyond the 4th *Theryxia*.
8. Forehead more or less furrowed or impressed, upper surface often glabrous and very brilliant *Neocuris*.
 Forehead convex, upper surface more or less pubescent and generally opaque *Pseudanilara*

VI. STIGMODERINI.

Table of Sub-tribes.

- A. Body cylindrical, like that of the *Julodini*, tarsi wide, 1st segment of the posterior tarsi not longer than the following, the 5th very short, scarcely longer than the 4th; sternal cavity open, not enclosing the prosternal process which overhangs it without fitting into it. Female provided with a very long erectile ovipositor, strongly chitinized and armed; larvae probably earth-dwellers (*) *Julodimorphae*.
- B. Body depressed; 1st segment of posterior tarsi longer than the 2nd, the 5th elongate and clearly longer than the 4th; prosternal process fitting into the sternal cavity, that it fills completely, except sometimes at the base. Females provided with a sessile and unarmed ovipositor; larvae endophytes *Stigmoderae*.

B. *Stigmoderae*.

1. Prosternum very convex, forming in front a conical process 2.
 Prosternum flat or feebly convex, its anterior margin not forming a conical process 3.
2. Posterior margin of pronotum strongly bisinuate with a very prominent medial lobe; scutellum small *Calodema*.
 Posterior margin of pronotum feebly bisinuate, without a prominent medial lobe; scutellum large *Metaxymorpha*.
3. Lateral prolongation of the abdomen hidden, not concealing or very slightly concealing the metathoracic epimera; apex of elytra variable, but never denticulate 4.
 Lateral prolongation of the abdomen clearly seen, more or less concealing the metathoracic epimera; elytra sometimes abbreviated, separately rounded and finely denticulate *Curis*.
4. Elytra striate or striate punctate, sometimes with costae
 Elytra hollowed out with large foveoles, sometimes (*S. cancellata* Don.) striate-punctate *Stigmodera*.
5. Tarsal hooks lobed and toothed at the base, size generally large
 S.G. *Themognatha*.
 Tarsal hooks simple, size generally small S.G. *Castiarina*.

(*). The larvae are found in the trunks as well as in the roots of the stunted Eucalyptus trees (mallee) of inland Australia. In the latter case they would have to bore through hard soil to emerge. [H.J.C. from observations by Mr. John Clark].

II. CHALCOPHORINAE.

Represented in Australia by the single tribe Chalcophorini.

Table of Genera.

- | | |
|-------------------------------------------------------------------------------------------------------------|----------------------------|
| 1. No scutellum visible | 2. |
| A scutellum visible | 3. |
| 2. Pronotum partly furrowed, apices of elytra simple | <i>Cyria</i> . |
| Pronotum furrowed throughout, apices of elytra bidentate | <i>Cyrioides</i> . |
| 3. Pronotum more or less furrowed or carinate, surface of body metallic | 4. |
| Pronotum even, without furrow; surface non-metallic and with some testaceous markings | <i>Diadoxus</i> . |
| 4. Intercostal process of the first abdominal sternite without prominent plate. | 5. |
| Intercostal process of the first abdominal sternite, with a prominent plate, rounded behind | <i>Cyphogastra</i> . |
| 5. Pronotum even or furrowed | 6. |
| Pronotum with a medial longitudinal relief | <i>Chrysodema</i> . |
| 6. Pronotum more or less distinctly furrowed | 7. |
| Pronotum even, without furrow, sometimes with a smooth longitudinal band (<i>quadrisignata</i>) | <i>Pseudotaenia</i> . |
| 7. Tarsi metallic | 8. |
| Tarsi testaceous | <i>Paracupta</i> . |
| 8. Elytra with discal impressions or entirely furrowed | S.G. <i>Chalcotaenia</i> . |
| Elytra with a single longitudinal furrow | <i>Iridotaenia</i> . |

Observations (by ANDRÉ THERY.)

In the classification of Kerremans, partly following that of Le Conte and Horn, the POLYCESTINI come immediately after the JULODINI—a group in which the pores are diffused over the two faces of the antennae—and immediately before the CHALCOPHORINI in which the antennae are similarly constructed. But since the POLYCESTINI have the pores concentrated in foveae on the toothed segments such a classification appears to me illogical.

Agrilini. *Synechocera elongata* Thoms. The author's description is so inadequate, that it seems useful to complete it, which I do, with a paratype of the author before me.

Long. 5-6 mm. Elongate, subparallel, depressed, wholly blue black with the pronotum dull, its sculpture very finely granulose, visible only with a strong lens; elytra rather nitid; antennae short, black.

Head convex, glohular, eyes not prominent; without distinct punctures, narrowly and deeply incised longitudinally, hut not furrowed; epistoma constricted between antennal cavities, these large; antennae with last six segments toothed.

Pronotum widest at anterior third, sides obliquely and strongly converging to the base, front margin strongly and angulately produced in the middle, obtuse, disc without impressions, but a little depressed transversely behind the anterior margin. Scutellum small, and round, with a transverse carina.

Elytra subparallel for the greater part; rather suddenly and arcuately converging at apex; without any marginal denticulation, and dehiscant at the suture; covered with series of large, punctiform impressions, with a rather strong ground sculpture. The pygidium does not extend beyond the elytra.

Alcinous. The antennae are here dentate from the 5th segment outwards, yet it seems advisable to include *Cisseis fossicollis* Kerr. in it, though the antennae are dentate from the 6th segment. (In *Cisseis* usually dentate from the 4th).

Ethon. This genus, usually placed very near *Cisseis*, is really rather widely removed by the following characters: head without genal scrube, lateral branches

of the mesosternum much reduced, compressed laterally and not contributing to the formation of the sternal cavity.

Cisseis. Contrary to the statement of Kerremans in his dichotomous table (Gen. Ins.), the antennae are not entirely free in repose and do not differ in this respect from those of *Hypocisseis* (*Cisseoides*). Also the sternal cavity is formed at base by the metasternum and laterally by the mesosternum.

Pachycisseis n. subgen. It is necessary to separate those *Cisseis* that are provided with a mentonnière from those that are without it, an important systematic character. After an examination of this subgenus established for *C. bicolor* C. & G., I discovered in one of my examples of this species an extraordinary development of the palpi (probably labial) which are as long as the antennae. This character has never, to my knowledge, been noted and makes this insect one of the most curious of the BUPRESTIDÆ. Out of eight examples, I have only found one provided with this character that I suppose belongs to the male. (Found in all male examples examined, H.J.C.).

Neospades. The species have no special facies that separate them generically from *Cisseis* of which *Neospades* may be considered a subgenus.

Hypocisseis. The close similarity of the tarsi, the similar possession of a genal scrobe for the reception of the antennae as in *Cisseis* and the existence of a series of passages between extreme forms suggests a relegation of *Hypocisseis*, also to subgeneric rank. Kerremans' observation as to the special dilation of the posterior coxæ is a mistake.

Paracephala. The genera *Dinocephalia* and *Meliboeithon* of Obenherger can only be considered as subgenera of *Paracephala*, although their author makes no mention of the similarity of their facies to Thomson's genus. Moreover *Dinocephalia gigantea* Oben. appears to be very near *Paracephala thoracica* Kerr., while *Meliboeithon fissus* Oben. probably does not differ from *Paracephala intermedia* Kerr.

The deep longitudinal furrow of the forehead is an archaic character which is found in all the genera of the Australian AGRILINI except *Agrilus*. This character is found sometimes in all the species of a genus, sometimes only in some; one cannot therefore regard it as an absolute generic character.

2. MASTOGENINI.

I have placed the MASTOGENINI near the AGRILINI, which they approach in the pronotum bordered by two carinae, but I find them still nearer the *Polycestini*, Sub-tribe *Ptosimæ*. They appear to have an evident relationship with *Sponsor*, on which I will expatiate elsewhere.

CHRYSOBOTHRINI.

Kerremans was mistaken as to the sternal cavity of *Belionota*. The meso-metasternal suture is quite or nearly perfect in many species. *Belionota* shows no special character in this direction.

POLYCESTINI.

I am not sure that there is any phyletic affinity between the two Sub-tribes *Polycestæ* and *Ptosimæ*, and their grouping under *Polycestini* may be artificial. I will endeavour to elucidate this later.

BUPRESTINI.

As will be seen from my tables, I have taken the disposition of the antennal pores as the principal character as appearing to me the most absolute. The form

of the sternal cavity is not sufficiently constant. Thus in the JULODINI, certain species of the same genus (*Amblysterna*) have the mesosternum entire or completely subdivided.

In order to differentiate the BUPRESTINI from the STIGMODERINI, I find the characters indicated by Kerremans (the lateral branches of the mesosternum elongate or very short) impracticable. I therefore employ an important character hitherto unused though indicated—namely, the form of the mouth prolonged into a muzzle, the mandibles are little bent, the labrum is longer than wide, mentum the same, the maxillae have a very peculiar disposition and their lobes have a mass-like termination; further, they appear to be composed of a greater number of sclerites than with many other Buprestidae in which a certain number of these primary sclerites are soldered together. I have discovered that *Curis* has this same arrangement and ought, without any doubt, to be regrouped with the STIGMODERINI, a tribe localized in Australia and South America. I have been obliged to remove *Julodimorpha* from POLYCESTINI. The sternal cavity is not entirely formed by the mesosternum, and the meso-metasternal suture is divided, further the *Julodimorpha* are the only BUPRESTIDAE having the sternal cavity open, as with certain CERAMBYCIDAE; the females are furnished with an elongate ovipositor, strongly chitinized and armed at the extremity, which indicates that the habits of the larvae are more or less earthdwellers; as with the tribe JULODINI. The ovipositor of the females of *Julodimorpha* is wholly similar to that of the females of *Julodis* from the Cape of Good Hope which appears to indicate a relationship between these insects.

The POLYCESTINI have no ovipositor of this nature and there is no evidence that permits their association with *Julodimorpha*, but the latter have a probable connection with the STIGMODERINI, since they have a similar mouth structure and a certain similarity of facies.

I have suppressed the Sub-tribe *Dicercites* created by Kerremans; I have found no character that is peculiar to it. The inferior periferous foveae are found in the *Buprestes*. The genera *Pseudhyperantha*, *Ectinogonia*, *Trachykele*, *Poecilonota*, *Lampra*, *Neobuprestis*, *Cinyra* have not the eyes converging above as with certain *Buprestes*, on the other hand certain *Dicercites* of which the eyes are convergent above, as *Cardiaspis*, have a very large scutellum, quite different from that of the *Buprestes* and ought to form a special group. *Neobuprestis* has the first segment of the posterior tarsi longer than the second and its forehead is only slightly contracted at the vertex, especially in the male, but this character is found also in the *Buprestes* and since its facies approaches that of the *Neobubastes*, *Notobubastes* and *Bubastes*, I believe it preferable to place it near these.

ANTHAXIAE.

Pseudanilara seems rather near *Neocuris*, but has a very special facies, and certain small constant characters. The genus ought to be maintained.

STIGMODERINI.

I have not utilized the internal periferous foveae for separating *Calodema* from the STIGMODERINI, because this character is in general difficult to observe and it must be acknowledged that it often falls short of preciseness.

CHALCOPHORINAE.

I have suppressed the genus *Chalcophora* as not definitely belonging to the Australian fauna. One cannot, as I previously considered, remove *Chrysodema subfasciata* Carter to this genus for the following reasons. *Chrysodema* are merely southern forms of the genus *Chalcophora*, without any very decisive char-

acter to separate them from holarctic forms. This is moreover the opinion of Lacordaire who refused to separate the two genera, not being able to find appreciable limits between them. We shall preserve them, however, but on the condition of not introducing into the genus *Chalcophora* species unprovided with the characteristic facies of the holarctic species.

The genus *Chalcotaenia* differs from *Chrysodema* by the presence of a furrow on the pronotum—this furrow being replaced by a carina in *Chrysodema* as in *Chalcophora*. Morphologically there is no difference between a carina and a furrow—paradoxical as it may appear. The carina often originated at the bottom of a furrow, it is produced by the thickening at the suture of the two median sclerites of the pronotum. It is then probable that the forms furnished with a carina are the more recent, but the most recent of all are those in which the pronotum is perfectly even, without a trace of suture between the sclerites which have served to build it up. The form of the anterior margin of the prosternum which has been used to separate genera has little value, since we can show that it is not a constant character and that in *Chalcophora virginienis* Drury the interior margin of the pronotum does not differ from that of *Chrysodema subfasciata* Cart.

I have rejected the tribe CHRYSOCHROINI, admitted by Kerremans. To establish a tribe on the presence or absence of a scutellum is to give this character undue importance. Certain genera (*Chalcophora*, *Trachys*) include species furnished with a scutellum and others that are deprived of one. The absence of a scutellum is notable in groups in which the scutellum is reduced to a minimum. If one raises the elytra of a CHRYSOCHROINI one sees that this organ is simply shortened and does not reach the level of the elytra. In admitting this character one is led to placing in different tribes genera which have clearly the same phyletic origin.

Paracupta bellicosa Blkb. cannot, in my opinion, be retained in the genus in which it has been described, and would be better placed in the genus *Iridotaenia* Deyr. In this genus also we can admit, at least provisionally *P. albivittis*, though it may be necessary to create for this and some allied species a new genus.

Post-scriptum.

Jacobson has shown that the name *Buprestis* ought to revert to the genus that we call *Chalcophora*. From this would result a complete overthrow of our classification and that our Sub-family *Chalcophorinae* ought to take the name *Buprestinae*, and our Sub-family *Buprestinae* that of *Acylocheirinae*. This would be a regrettable disturbance in our system, and since the majority of authors have used the names *Chalcophora* and *Buprestis* as we thus defined them for nearly a century, we think it preferable to retain the *status quo*, as more inconvenience than advantage would result from the change.

Rabat, le 6 mai, 1928.

A. THERY.

Sub-family BUPRESTINAE.

Tribe AGRILINI.

Sub-tribe AGRILI.

AGRILUS. Stephens, Ill. Brit. Ent., iii., 1830, 239.

1. *anachaetus* Obenb., Archiv für Naturg., 1924, 535. . . . Somerset, N.A.
2. *archaicus* Obenb., Zeitseh. für Wissen. Ins., 1916, 21. A.
3. *aurovittatus* Hope, Tr. Ent. Soc. Lond., 1846, 218. S.A.
4. *australasiae* L. & G., Mon., ii., 1839, 21. All States.
hypoleucus L. & G., l.e., 37; *assimilis* Hope, Tr. Ent. Soc. Lond., 1846, 217; *purpuratus* Hope, l.e.; *flavotaeniatius* Thoms., Typ. Bup. App. Ia., 1879, 73; *cooki* Obenb., Sbor. Ent. Mus. Praz,

- 1923, 77; *tasmanicus* Obenb., l.e.; *danesi* Obenb., l.e.; *domini* Obenb., l.e.; *raphelisi* Obenb., l.e.; *van diemeni* Obenb., l.e.
5. *australis* Thoms., Typ. Bup. App. 1a, 1879, 74 A.
 6. *bispinosus* Cart., Linn. Soc. N.S.W., 1924, 28 Johnstone R., Q.
 7. *brevis* Cart., l.e. Johnstone R., Q.
 8. *deauratus* Macl., Ent. Soc. N.S.W., 1872, 249. Gayndah, Q.
 9. *doddi* Cart., Linn. Soc. N.S.W., 1924, 28. Townsville, Q.
 10. *frenchi* Blkb., Roy. Soc. S.A., 1891, 302. V.
 11. *macleayi* Cart., Linn. Soc. N.S.W., 1924, 535. Cairns, Q.
 12. *mastersi* Macl., Ent. Soc. N.S.W., 1872, 249. Gayndah, Q.
 13. *nesigena* Obenb., Archiv. für Naturg., 1924, 127. Somerset, N.A.
 14. *nitidus* Kerr., Ann. Soc. Ent. Belg., 1898, 179. N.Q.
kurandae Obenb., Sbor. Ent. Mus. Praze, 1923, 80.
var. *korenskyi* Obenb., l.e.
 15. *semiviridis* Cart., Linn. Soc. N.S.W., 1924, 29. Q. & N.S.W.
 16. *solemnis* Obenb., Archiv. für Naturg., 1924, 127. Somerset, Q.
 17. *terracreginae* Blkb., Roy. Soc. S.A., 1892, 220. Q.
 18. *walesicus* Obenb., Sbornik. Ent. Mus. Praze, 1923, 81. Tweed R., N.S.W.
 19. *woodlarkianus* Kerr., Mem. Soc. Ent. Belg., 1900, 82 Woodlark Is.
 20. *zonatus* Kerr., Ann. Soc. Ent. Belg., 1898, 180. A.
- SYNECHOCERA. Deyr., Ann. Soc. Ent. Belg., 1864, 115.
21. *albohirta* Cart. (Aphanisticus) Arkiv. für Zool., 1920, 5. N.W.A.
 22. *cyaneipennis* Cart., Linn. Soc. N.S.W., 1924, 30. N.Q.
 23. *cupripes* Cart., l.e., 31. N.Q.
 24. *elongata* Thoms., Typ. Bup. App. 1a, 1879, 56. W.A.
occidentalis Macl. (Aphanisticus) Linn. Soc. N.S.W., 1888, 1227.
 25. *longior* Cart., Linn. Soc. N.S.W., 1928, 274. V., S.A., W.A.
 26. *setosa* Cart., l.e., 1924, 31. W.A.
 27. *tasmanica* Théry, l.e., 1923, 517. Tas.
- ALCINOUS. Deyr., Ann. Soc. Ent. Belg., 1864, 115.
28. *fossicollis* Kerr. (Cisseis), Gen. Ins., 1902, 229. N.S.W., Q.
 29. *nodosus* Kerr., Ann. Soc. Ent. Belg., 1898, 175. Q., N.S.W., V.
minor Kerr., l.e., 176.
- ETHON. L. & G., Mon. Bup., ii., 1839, 1.
30. *affine* L. & G., l.e., 4. Q., N.S.W., V.
auriflum Hope, Bup., 1836, 12; *purpurascens* Hope. l.e., 12;
proxima Boh., Res. Eugen., 1858, 62; *reichei* Chev., Silb.
Rev. Ent., 1839, 82.
 31. *breve* Cart., Linn. Soc. N.S.W., 1923, 160. W.A.
 32. *corpulentum* Boh. Res. Eugen., 1858, 62. N.S.W., V., S.A.
fissiceps L. & G. (nec Kirby), Mon., ii., 1839, 4.
 33. *fissiceps* Kirby, Tr. Linn. Soc., 1818, 458. N.S.W., V.
viride L. & G., Mon. Bup., ii., 1839, 6.
diversum Kerr., Ann. Soc. Ent. Belg., 1898, 156.
 34. *leai* Cart., Linn. Soc. N.S.W., 1924, 26. S.A.
 35. *maculatum* Blkb., Roy. Soc. S.A., 1887, 250. Q., N.S.W., S.A.
 36. *roei* Saund., Tr. Ent. Soc. Lond., 1868, 54. W.A.
subfasciatum Saund., l.e., 55.
- S. G. HYPOCISSEIS Thoms., Typ. Bup. App. 1a, 1879, 49.
maschalix Waterh., Ann. Mag. Nat. Hist., 1887, 293.
Cisseoides Kerr., Ann. Soc. Ent. Belg., 1893, 118.

37. **blackburni* Obenb. (Cisseoides) Archiv. für Naturg., 1924, 107. . . . A.
 38. *brachyformis* Deyr. Ann. Soc. Ent. Belg., 1864, 117. . . . Mysole & Q.
 39. **carteri* Obenb. (Cisseoides) Archiv. für Naturg., 1924, 106. . . . A.
 40. *cyanura* Kerr (Cisseoides) Ann. Soc. Ent. Belg., 1898, 172.
 modesta Kerr., l.c., 173.
 41. *gebhardti* Obenb., Archiv. für Naturg., 1924, 108. Q.
 42. *latipennis* Macl. (Cisseis) Ent. Soc. N.S.W., 1872, 248. Q.
 cornuta Gestro., Ann. Mus. Genov., 1877, 457.
 laticornis Thoms., Typ. Bup. App. 1a, 1879, 49.
 43. *madari* Obenb. (Cisseoides) Archiv. für Naturg., 1924, 107. Q.
 44. *minuta* Cart., Linn. Soc. N.S.W., 1923, 175. Q.
 45. **nigrosericea* Obenb. (Cisseoides) Archiv. für Naturg., 1924, 109. . . Q.
 46. *ornata* Cart., Linn. Soc. N.S.W., 1923, 175. S.A., W.A.
 47. *pilosicollis* Blkb. (Coraebus) Roy. Soc. S.A., 1891, 301. Q.
 murina Kerr. (Cisseoides) Ann. Soc. Ent. Belg., 1893, 118.
 48. *suturalis* Saund. (Cisseis) Tr. Ent. Soc. Lond., 1868, 60.
 Q., N.S.W., V., S.A., W.A.
 marmoratus Macl. (Coraebus) Ent. Soc. N.S.W., 1872, 248.
 albopicta Kerr. (Cisseoides) Ann. Soc. Ent. Belg., 1898, 171.
 aeneipes Kerr. (Hypocisseis), l.c., 173.

*The descriptions of the five species described by Obenberger show little distinction from the common and variable *H. suturalis* Saund.

S.G. *NEOSPADES*. Blkb., Roy. Soc. S.A., 1887, 251.

49. *chrysopygia* Germ. (Coraebus) Linn. Ent., 1848, 178. Q., W.A.
 dimidiata Macl. (Cisseis) Ent. Soc. N.S.W., 1872, 248.
 apicalis Macl. (Cisseis) Linn. Soc. N.S.W., 1888, 1227.
 purpureotincta Macl. (Cisseis), l.c.
 semirugosa Thoms. (Cisseis) Typ. Bup. 1a, 1879, 51.
 ? *semiscabrosa* Thoms. (Cisseis), l.c., 53.
 50. *cruciata* F., Sys. Ent., 1774, 222. N.Q.
 51. *cupricanda* Cart., Linn. Soc. N.S.W., 1927. N.T.
 52. *cuprifera* Gestro. (Cisseis) Ann. Mus. Genova, 1876, 357. . . C. York.
 cuprifera Thoms. (Cisseis) Typ. Bup. App. 1a, 1879, 51.
 53. *gouldi* Hope (Cisseis) Tr. Ent. Soc. Lond., 1846, 220. N.T.
 54. *lateralis* Blkb., Linn. Soc. N.S.W., 1888, 860. N.Q.
 splendida Kerr. (Cisseis) Ann. Soc. Ent. Belg., 1898, 160.
 55. *nigroaenea* Kerr. (Cisseis), l.c., 162. Q.
 56. *niveosparsa* Cart., Linn. Soc. N.S.W., 1927. Bogan R., N.S.W.
 57. *picta* Cart., l.c., 1923, 173. Brisbane, Q.
 58. *simplex* Blkb., l.c., 1888, 860. Q., N.S.W., V.
 bella Blkb. (Cisseis) Roy. Soc. S.A., 1891, 298.
 ? *nigripennis* Macl. (Cisseis) Linn. Soc. N.S.W., 1888, 1227.
 ignicollis Kerr. (Cisseis) Ann. Soc. Ent. Belg., 1898, 164.
 59. *terraereginae* Obenb. (Cisseis) Ent. Mitteil. Berlin, 1919, 21.
 60. *viridiaurea* Macl. (Cisseis) Ent. Soc. N.S.W., 1872, 248. Q.
 nitida Kerr. (Cisseis) Ann. Soc. Ent. Belg., 1898, 164.
 61. *viridis* Kerr. (Cisseis), l.c., 163. Q.
 viridicuprea Kerr. (Cisseis), l.c., 160.

S.G. *PACHYCISSIS*. Théry.

62. *bicolor* L. & G. (Cisseis) Mon., ii., 1839, 3. N.S.W., V., S.A.
CISSEIS L. & G., Mon. Bupr., ii., 1839, 1.
 63. *acuducta* Kirby, Faun. Bor. Amer., 1836, 162. Q., N.S.W., V., S.A.
 marmorea L. & G., Mon. ii., 1839, 4.

- lata* Hope, Aus. Bup., 1836, 11.
aenea Hope, l.c., 12.
cuprifrons Kerr., Ann. Soc. Ent. Belg., 1898, 157.
laeta Kerr., Gen. Ins., 1902, 227.
64. *albosparsa* L. & G., Mon., ii., 1839, 3. Q.
 albertisi Gestro., Ann. Mus. Genov., 1876, 357.
 cupriventris Kerr., Ann. Soc. Ent. Belg., 1898, 161.
65. *atroviolacea* Thoms., Typ. Bup. App., 1a, 1879, 52. N.S.W.
 66. *aurulenta* Kerr., Ann. Soc. Ent. Belg., 1898, 159. A.
 67. *carenceps* Cart., Linn. Soc. N.S.W., 1923, 167. W.A.
 68. *constricta* Blkb., ♂, Roy. Soc. S.A., 1887, 254. N.W.A.
 lindi Blkb., ♀, l.c.
69. *cupreicollis* Hope, Tr. Ent. Soc. Lond., 1845, 219. . . . N.S.W., V., S.A.
 aeneicollis Hope, l.c., 220.
 morosa Kerr., Ann. Soc. Ent. Belg., 1898, 158.
70. *cupripennis* Guér., Voy. Coq., 1836, 65. N.S.W.
 71. *cyanura* Kerr., Ann. Soc. Ent. Belg., 1898, 163. A.
 72. *duodecimmaculata* F., Sys. Eleuth., 1801, 191. N.S.W., V., T.
 duodecimguttata Guér., Voy. Coq., 1836, 65.
 quatuordecimnotata Hope, Tr. Ent. Soc. Lond., 1846, 218.
 xanthosticta Hope, Bup., 1832, 11.
 pustulata Thoms., Typ. Bup. App., 1a, 1879, 51.
73. *elliptica* Cart., Linn. Soc. N.S.W., 1923, 170. W.A. & N.Q.
 ? *carteri* Obenb., Archiv. für Naturg., 1924, 109.
74. *elongatula* Blkb., Linn. Soc. N.S.W., 1888, 862. N.T.
 75. *fulgidicollis* Mael., l.c., 1231. N.-W.A. & Q.
 76. *inflammata* Cart., l.c., 1923, 167. N.Q.
 77. *laticollis* Cart., l.c., 169. Q.
 78. *leucosticta* Kirby, Tr. Linn. Soc. Lond., 1818, 382.
 Q., N.S.W., V., S.A., W.A.
 stellulata Dalm., Anal. Ent., 1823, 54.
 fulgidifrons Kerr., Ann. Soc. Ent. Belg., 1898, 161.
79. *maculata* L. & G., Mon. ii., 1839, 5. N.S.W., V., T., S.A.
 irrorata L. & G. (nec Hope), l.c., 4.
 tasmanica Kerr., Ann. Soc. Ent. Belg., 1895, 165.
 pauperula Kerr., l.c., 167.
80. *marmorata* L. & G., Mon. ii., 1839, 4. N.S.W., V.
 irrorata Hope (nec L. & G.), Bup., 1832, 8.
 similis Saund., Tr. Ent. Soc. Lond., 1868, 59.
 viridicollis Thoms., Typ. Bup. App. 1a, 1879, 50.
 aenea Kerr., Ann. Soc. Ent. Belg., 1898, 189.
 var. *prasina* Cart., Linn. Soc. N.S.W., 1923, 168.
81. *minutissima* Thoms., Typ. Bup. App. 1a, 1879, 54. S.A., W.A.
 82. *nitidicollis* Kerr., Ann. Soc. Ent. Belg., 1898, 162. Q.
 83. *notulata* Germ., Linn. Ent., 1848, 178. N.S.W., V., S.A.
 inops Kerr., Ann. Soc. Ent. Belg., 1898, 168.
 semiobscura Kerr., l.c., 170.
 ? *nigrita* Kerr., l.c., 168.
 ? *violacea* Kerr., Gen. Ins., 1902, 228.
84. *nubeculosa* Germ., ♀, Linn. Ent., 1848, 176. S.A.
 chalcoptera Germ., ♂, l.c., 177.
85. *obscura* Blkb., Roy. Soc. S.A., 1887, 252. S.A., W.A.
 undulata Kerr., Gen. Ins., 1902, 227.
 purpurea Kerr., l.c., 228.

86. *occidentalis* Blkb., Roy. Soc. S.A., 1887, 255. W.A.
 87. *opima* Thomas, Typ. Bup. App. 1a, 1879, 50. W.A.
 88. *ovalis* Cart., Linn. Soc. N.S.W., 1923, 170. W.A.
 89. *parva* Blkb., Roy. Soc. S.A., 1887, 255. S.A., W.A.
 simplex Kerr., Ann. Soc. Ent. Belg., 1898, 171.
 90. *perplexa* Blkb., Roy. Soc. S.A., 1891, 300. W.A.
 91. *puella* Kerr., Ann. Soc. Ent. Belg., 1898, 170. Q., N.S.W.
 curta Kerr., Gen. Ins., 1902, 229.
 92. *pulchella* Cart., Linn. Soc. N.S.W., 1923, 171. N.Q.
 93. *pygmaea* Blkb., Roy. Soc. S.A., 1891, 299. N.S.W., V.
 94. *regalis* Thoms., Typ. Bup. App. 1a, 1879, 50. N.Q.
 95. *roseocuprea* Hope, Tr. Ent. Soc. Lond., 1846, 219. N.S.W., V., S.A., W.A.
 impressicollis Macl., Ent. Soc. N.S.W., 1872, 248.
 dispar Blkb., Roy. Soc. S.A., 1891, 297.
 cuprea Kerr., Gen. Ins., 1902, 228.
 fairmairei Kerr., Ann. Soc. Ent. Belg., 1898, 169.
 96. *rubicunda* Kerr., l.e. N.S.W., V.
 modesta Kerr., l.e., 170.
 97. *rugiceps* Thoms., Typ. Bup. App. 1a, 1879, 52. W.A.
 98. *scabiosa* Boisd., Voy. Astrol., 1835, 96. A.
 99. *scabrosula* Kerr., Ann. Soc. Ent. Belg., 1898, 167. N.S.W., V.
 100. *signaticollis* Hope, Tr. Ent. Soc. Lond., 1844, 219. N.T.
 ? *spilota* Hope (Cinyra) Tr. Ent. Soc. Lond., 1846, 219.
 101. *stigmata* L. & G., Mon. ii., 1839, 3. W.A.
 102. *sub-bifasciata* Cart., Linn. Soc. N.S.W., 1927, Bogan R., N.S.W.
 103. *subcarcinifrons* Thoms., Typ. Bup., App. 1a, 1879, 53. W.A.
 cincta Kerr., Ann. Soc. Ent. Belg., 1898, 166.
 104. *tyrrhena* Cart., Linn. Soc. N.S.W., 1923, 168. W.A.
 105. *uniformis* Thoms., Typ. Bup. App. 1a, 1879, 53. V., T.
 coraeoides Kerr., Ann. Soc. Ent. Belg., 1898, 166.
 106. *vicina* Kerr., Ann. Soc. Ent. Belg., 1898, 165. Q., N.S.W.
 ? *collaris* Kerr., Gen. Ins., 1902, 229.
 ? *ornata* Kerr., l.e.
 107. *viridiceps* Kerr., Ann. Soc. Ent. Belg., 1898, 165. Q., N.S.W.
 oblonga Kerr., Gen. Ins., 1902, 229.
 108. *viridipurpurea* Cart., Linn. Soc. N.S.W., 1924, 27. Geraldton, W.A.
 109. *westwoodi* L. & G., Mon., ii., 1839 (Coraeus), 15. V., T.
 verna Blkb., Roy. Soc. S.A., 1891, 299.
 viridana Kerr., Ann. Soc. Ent. Belg., 1898, 175.
 theryi Kerr., Gen. Ins., 1902, 229.
 S.G. *DINOCEPHALIA*. Obenb., Sbor. Ent. Mus. Praze, 1923, 39.
 110. *gigantea* Obenb., l.e., 40. Q.
 PARACEPHALA. Thoms., Typ. Bup., 1878, 91.
 111. *aenea* Blkb., Roy. Soc. S.A., 1891, 302. N.W.A.
 112. *bicostata* Cart., Linn. Soc. N.S.W., 1928, 274. Q. & W.A.
 113. *crassa* Kerr., Ann. Soc. Ent. Belg., 1898, 176. Gayndah, Q.
 ? *intermedia* Kerr., l.e., 177.
 114. *cyaneipennis* Blkb., Roy. Soc. S.A., 1893, 130. Sydney.
 115. *cylindrica* Kerr., Ann. Soc. Ent. Belg., 1898, 177. . . Port Denison, Q.
 116. *murina* Thoms., Typ. Bup., 1878, 83. Sydney.
 117. *pistacina* Hope (Agrilus) Tr. Ent. Soc. Lond., 1846, 218. S.A.
 Saund., l.e., 1868, 63, t. 4, f. 31.
 canaliculata Germ., Linn. Ent. 1848, 180.
 minuta Kerr., Ann. Soc. Ent. Belg., 1898, 177.

118. **strandii* Obenb., Archiv. für Naturg., 1924, 155. Q.
niveiventris Obenb., l.c.
119. *thoracica* Kerr., Ann Soc. Ent. Belg., 1900, 343. W.A.
120. *transsecta* Cart., Linn. Soc. N.S.W., 1921, 306. S.A. & Q.
impressicollis Obenb., Archiv. für Naturg., 1924, 155.
121. *vitticeps* Cart., Linn. Soc. N.S.W., 1924, 535. W.A.
- * The three descriptions by Obenberger contain no reference to previously described species, nor any comparison to show a knowledge of them. Thus they are possible synonyms, which seems evident with *P. impressicollis*—the other two being close to *crassa* Kerr.
- S.G. *MELIBOEITHON*. Obenb., Entom. Mitteil., 1920, 170.
122. *fissus* Obenb., l.c., 171. A.
- APHANISTICUS*. Latr., Règne Anim., 1829, 448.
123. *blackburni* Cart., Linn. Soc. N.S.W., 1924, 536. A
124. *browni* Cart., l.c., 32. Johnstone R., Q.
125. *endeloides* Cart., l.c., 31. Cairns, Q.
- GERMARICA*. Blkb., Roy. Soc. S.A., 1887, 257.
126. *abbreviata* Cart., Linn. Soc. N.S.W., 1926, 59. W.A.
127. *blackburni* Obenb., Entom. Blatter, 1923, 114. Q.
128. *carteri* Obenb., l.c. Q.
129. *elata* Cart., Linn. Soc. N.S.W., 1926, 58. Q.
130. *lilliputana* Thoms., Typ. Bup. App. 1a, 1879, 75. Q., N.S.W., V. S.A., T.
casuarinae Blkb., Roy. Soc. S.A., 1887, 257.
- ENDELUS*. Deyr., Ann. Soc. Ent. Belg., 1854, 227.
131. *subcornutus* Kerr., l.c., 1900, 344. New Guinea & C. York, A.
- ILABROLOMA*. Thoms., Skaud. Col., V. 6, 42.
132. *australasiae* Gestro. (Trachys) Ann. Mus. Genov., 1877, 362. . . . N.Q.
133. *australis* Macl. (Trachys) Linn. Soc. N.S.W., 1888, 1227. . . . N.W.A.
134. *frenchi* V.d. Poll. (Trachys) Not. Leyd. Mus., 1887, 126. . N.Q. & N.W.A.
nigra Macl., Linn. Soc. N.S.W., 1888, 1227.
? *hackeri* Obenb., Sbor. Ent. Mus. Praze, 1923, 81.
135. *pauperula* Kerr. (Trachys) Ann. Soc. Ent. Belg., 1896, 313. . . N.S.W.
136. *socialis* Lea. (Trachys) Linn. Soc. N.S.W., 1893, 592. N.S.W.
- TRACHYS*. F., Sys. Eleuth., ii., 1801, 218.
137. *blackburni* Kerr., Ann. Soc. Ent. Belg., 1896, 313. N.S.W.
- Tribe MASTOGENINI.
- MASTOGENIUS*. Sol., Hist. Chile, 1850, 507.
138. *frenchi* Théry, Linn. Soc. N.S.W., 1928, 456. N.S.W. & V.
- Tribe CHRYSOBOTHRINI.
- CHRYSOBOTHRIS*. Eschscholtz., Zool. Atl., 1829, 9.
139. *amplicollis* Thoms., Typ. Bup. App. 1a, 1879, 47. S.A., W.A.
140. *australasiae* Hope, Tr. Ent. Soc. Lond., 1846, 916. W.A.
141. *caelatus* Cart., Linn. Soc. N.S.W., 1925, 227. N.S.W.
142. *incana* Macl., l.c., 1888, 1227. N.W.A.
interioris Blkb., Roy. Soc. S.A., 1895, 46.
143. *mastersi* Macl., Ent. Soc. N.S.W., 1872, 247. Q. N.S.W., V., S.A., W.A.
? *blackburni* Obenb., Sborn. Ent., 1923, 77.
? *perroni* L. & G., Mon., ii., 1838, 11,

144. *octomaculata* Cart., Linn. Soc. N.S.W., 1925, 228. Q.
 145. *saundersi* Macl., Ent. Soc. N.S.W., 1872, 246. Q. & W.A.
 hopei Obenb., Sborn. Ent., 1923, 77.
 146. *subsimilis* Thoms., Typ. Bup. App. 1a, 1879, 47. Q., W.A. & V.
 147. *viridis* Macl., Ent. Soc. N.S.W., 1872, 247. Q., N.S.W., W.A.
 frenchi Kerr., Gen. Ins., 1902, 187.
 ? *simplicifrons* Kerr., l.c., 188.
 ? *carteri* Obenb., Sborn. Ent., 1923, 76.
- BELIONOTA.** Eschscholtz., Zool. Atl., 1829, 9.
148. *aenea* Deyr., Ann. Soc. Ent. Belg., 1864, 82. N.G. & N.T.
 ? *Saundersi* Waterh., Ann. Mag. Nat. Hist., 1894.
- MERIMNA.** Thoms., Typ. Bup., 1878, 42.
149. *atrata* Hope, Bupr., 1836, 10. Q., N.S.W., V., S.A., W.A.
 corporealis Obenb., Arch. für Naturg., 1924, 119.
- Tribe POLYCESTINI.
 Sub-tribe *Polycestae*.
- PROSPHERES.** Thoms., Typ. Bup., 1878, 16.
150. *aurantiopicus* L. & G., Mon., i., 1837, 132. N.S.W., Q.
 decemnotata L. & G., l.c., 133.
 decostigma Hope, Bup., 7.
 gulielmi White, Proc. Zool. Soc., 1859, 120.
 151. *discoideus* L. & G., Mon., i., 1837, 130. A.
 152. *moestus* Cart., Linn. Soc. N.S.W., 1915, 77. N.S.W.
 (Probably melanic var. of 150.)
- CASTALIA.** L. & G., Mon., ii., 1837, 1.
- strigoptera* Dej., Cat., 89.
153. *bimaculata* L., Sys. Nat., 1758, I., 40. Malaya & A.
 pacifica Boisd., Voy. Astrol., 1831, 83.
 bipustulata Boisd., l.c.
 obsoleta Chev., Rev. Zool., 1841, 221.
 annamica Nonfried, Ent. Soc. Lond., 1867, 513.
- POLYCESTA.** Sol., Ann. Soc. Ent. Fr., 1833, 281.
154. *mastersi* Macl., Ent. Soc. N.S.W., 1872, 246. Q.
 155. *scintillans* Cart. (*Castalia*), Linn. Soc. N.S.W., 1924, 523. W.A.
- MICROCASTALIA.** Heller., Deuts. Ent. Zeit., 1891, 135.
- Bubastodes* Blkb., Roy. Soc. S.A., 1892, 212.
156. *globithorax* Thoms., Typ. Bup., 1878, 46. V., S.A.
 sulcicollis Blkb. (*Bubastodes*) Roy. Soc. S.A., 1892, 212.
- Sub-tribe PTOSIMAE.
- XYROSCELIS.** Thoms., Typ. Bup., 1878, 56.
157. *crocata* L. & G., Mon., ii., 1837, 13. N.S.W., W.A.
 nodosa Hope (*Acmaeodera*) Tr. Ent. Soc. Lond., 1845, 217.
 melanosticta Hope, l.c.
- Tribe BUPRESTINI.
 Sub-tribe *Buprestes*.
- NEOBUPRESTIS.** Kerr., Gen. Ins., 1902, 136.
158. *albosparsa* Cart., Linn. Soc. N.S.W., 1924, 523. N.Q.
 159. *australis* Blkb. (*Strigoptera*), l.c., 1891, 501. S.A.

160. *frenchi* Blkb. (Strigoptera), l.e., 500. Alpine, Vic. & N.S.W.
 161. *marmorata* Blkb. (Strigoptera), l.e., 501. N.W. Vic. & S.A.
- ASTRAEUS*. L. & G., Mon. I., 1837, 2.
162. *aberrans* V. de Poll., Not. Leyd. Mus., 1886, 176. W.E.A.
 var. *picticollis* V. de Poll. Tijdschr. Ent., 1889, 91.
 163. *badeni* V. de Poll., l.e., 93. S.A.
 meyricki Blkb., Linn. Soc. N.S.W., 1889, 1256.
 164. *crassus* V. de Poll., Tijdschr. Ent., 1889, 95. N.S.W.
 flavopictus V. de Poll., Not. Leyd. Mus., 1886, 180.
 165. *cyaneus* Kerr., Ann. Soc. Ent. Belg., 1900, 295. N.S.W.
 166. *dilutipes* V. de Poll., Not. Leyd. Mus., 1886, 180. A.
 167. *elongatus* V. de Poll., l.e., 177. W.A.
 168. *flavopictus* L. & G., Mon. I., 2. W.A.
 169. *fraterculus* V. de Poll., Tijdschr. Ent., 1889, 92. V.
 170. *intricatus* Cart., Linn. Soc. N.S.W., 1925, 229. N.S.W.
 171. *irregularis* V. de Poll., Tijdschr. Ent., 1889, 86. W.A.
 172. *jansoni* V. de Poll., l.e., 94. Blue Mts., N.S.W. & S.A.
 tepperi Blkb., Linn. Soc. N.S.W., 1889, 1258.
 173. *lineatus* V. de Poll., Tijdschr. Ent., 1889, 87. W.A.
 174. *multinotatus* V. de Poll., Tijdschr. Ent., 1889, 89. N.W.A.
 175. *navarchis* Thoms., Rev. Mag. Zool., 1856, 115. V.
 var. *major* Blkb., Linn. Soc. N.S.W., 1889, 1247.
 176. *oberthuri* V. de Poll., Tijdschr. Ent., 1889, 100. Q.
 177. *prothoracicus* V. de Poll., l.e., 98. Clarence R., N.S.W.
 178. *pygmacus* V. de Poll., Not. Leyd. Mus., 1886, 178. N.S.W.
 subfasciatus V. de Poll., Tijdschr. Ent., 1889, 104.
 179. *samouelli* Saund., Tr. Ent. Soc. Lond., 1868, 10. N.S.W. & Q.
 mastersi Macl., Ent. Soc. N.S.W., 1872, 239.
 180. *simplex* Blkb., Roy. Soc. S.A., 1892, 211. S.A.
 181. *simulator* V. de Poll., Tijdschr. Ent., 1889, 102. Q.
 182. *splendens* V. de Poll., l.e., 108. Q.
 183. *vittatus* V. de Poll., l.e., 99. N.W.A.
- NEOBUBASTES*. Blkb., Roy. Soc. S.A., 1892, 213.
 Castelnaudia (*) Obenb., Sborn. Ent., 1923, 14.
184. *aureocincta* Blkb., l.e., S.A. & C.A.
 australasiae Obenb., Sborn. Ent., 1923, 14.
 185. *flavovittata* Cart., Linn. Soc. N.S.W., 1922, 66. Kellerberrin, W.A.
- NASCIOIDES*. Kerr., Gen. Ins., 1902, 147.
186. *carissima* Waterh., Ann. Mag. Nat. Hist., 1882, 51. N.S.W., Q.
 187. *costata* Cart., Linn. Soc. N.S.W., 1913, 482. N.S.W.
 188. *multesima* Oll., l.e., 1886, 862. N.S.W.
 189. *munda* Oll., l.e., N.Q.
 190. *pulchra* V. de Poll., Not. Leyd. Mus., 1889, 122. Q.
 191. *quadrinotata* V. de Poll., l.e., 123. T.
 192. *tillyardi* Cart., Linn. Soc. N.S.W., 1913, 483. N.S.W.
 193. *viridis* Macl., Ent. Soc. N.S.W., 1872, 239. Q.
- NASCIO*. L. & G., Mon. I., 1837, 2.
194. *chydaea* Oll., Linn. Soc. N.S.W., 1886, 861. N.S.W. & Q.
 195. *lunaris* Kerr., Ann. Soc. Ent. Belg., 1900, 294. N.S.W.
 196. *simillima* V. de Poll., Nat. Leyd. Mus., 1889, 121. Q.

(*). Nom. praeocc. later changed to *Castelnaudina*.

197. *vetusta* Boisd., Voy. Astrol., 1832, 85. N.S.W., V.
 198. *xanthura* L. & G., Mon., i., 1837, 2. N.S.W.
- NOTOBUBASTES.** Cart., Linn. Soc. N.S.W., 1924, 24.
199. *aurosulcata* Cart., l.e., 26. N.W.A.
 200. *costata* Cart., l.e., 526. Kookynie, W.A.
 201. *occidentalis* Cart., l.e., 25. Cue, W.A.
 202. *orientalis* Cart., l.e., 25. Wide Bay, Q.
- BUPRESTINA.** Obenb., Sborn. Ent., 1923, 16.
203. *prosternalis* Obenb., l.e., 17. Q.
- BUPRESTODES.** Cart., Linn. Soc. N.S.W., 1924, 23.
204. *coruscans* Cart., l.e., 24. Kellerberrin, W.A.
 205. *variegata* Cart., l.e., Kellerberrin, W.A.
- BUBASTES.** L. & G., Mon. I., 1836, 1.
206. *achardi* Obenb., Ann. Soc. Ent. Fr., 1920, 104. Cobar, N.S.W.
 207. *aenea* Obenb., Archiv. für Naturg., 1922, 83. N.Q.
 208. *bostrychoides* Théry (Neraldus) Mem. Soc. Ent. Belg., 1910, 17. . . W.A.
 olivinus Obenb., Ann. Soc. Ent. Fr., 1920, 99.
 209. *cylindricus* MacL., Linn. Soc. N.S.W., 1888, 1227. . . King Sound, W.A.
 210. *formosa* Cart., l.e., 1915, 78. Cue, W.A.
 211. *globoicollis* Thoms., Typ. Bup. Appendix 1a, 1879, 14. . . N.S.W. & Q.
 simillima Obenb., Arch. für Naturg., 1922, 81.
 212. *inconsistans* Thoms., Typ. Bup. App. 1a, 1879, 14. . . N.W.V. & S.A.
 inconstans Blkb., Linn. Soc. N.S.W., 1888, 1414.
 australasiae Obenb., Arch. für Naturg., 1922, 82.
 213. *laticollis* Blkb., Linn. Soc. N.S.W., 1888, 1415. W.A.
 214. *lei* Cart., l.e., 1924, 528. W.A.
 215. *niveiventris* Obenb., Arch. für Naturg., 1922, 82. N.Q.
 216. *obscura* Obenb., l.e., 83. Kuranda, Q.
 217. *occidentalis* Blkb., Roy. Soc. S.A., 1891, 293. . . . Eucla, S.A., & W.A.
 218. *sphenoidea* L. & G., Mon. I., 1836, 2. Cunnamulla, Q.
 219. *splendens* Blkb., Roy. Soc. S.A., 1891, 294. . . . Tennents Cr., C.A.
 persplendens Obenb., Ann. Soc. Ent. Fr., 1920, 107.
 220. *suturalis* Cart., Linn. Soc. N.S.W., 1915, 79. . . Drysdale R. & Cue, W.A.
 strandii Obenb., Ann. Soc. Ent. Fr., 1920, 105.
 221. *vagans* Blkb., Roy. Soc. S.A., 1892, 213. N.W.V. & S.A.
 222. *viridicuprea* Obenb., Arch. für Naturg., 1922, 83. N.Q.
- EURYSPILUS.** Lac., Gen. Col. IV., 1857, 44.
- Eurybia* L. & G., Mon. ii., 1838, 1.
 Neurybia Théry, Mem. Soc. Ent. Belg., 1910, 18.
223. *australis* Blkb., Roy. Soc. S.A., 1887, 247. S.A.
 trifoveolata Théry (Neurybia) Mem. Soc. Ent. Belg., 1910, 18.
224. *caudatus* Théry, l.e., 19. A.
 225. *chalcodes* L. & G., Mon. ii., 1836, 1. W.A.
 226. *viridis* Cart., Linn. Soc. N.S.W., 1924, 529. W.A.
- S.G. BRISEIS.** Kerr., Gen. Ins., 1902, 161.
227. *buprestoides* Obenb., Arch. für Naturg., 1922, 94. A.
 228. *conica* L. & G., Mon. I., 1837, 118. Q.
 acuminata Kerr., Ann. Soc. Ent. Belg., 1898, 129.
 sagitta Obenb., Arch. für Naturg., 1924, 68.
 229. *curta* Kerr., Gen. Ins., 1902, 162. N.S.W. & Q.
 ♀ *obscurata* Obenb., Arch. für Naturg., 1924, 67.

230. *prolongata* Obenb., l.c., 1922, 93. Q.
 ? *elongata* Cart., Tr. Ent. Soc. Lond., 1923, 102.
231. *smaragdifrons* Obenb., Arch. für Naturg., 1922, 93. N.Q.
 ? *cuprea* Cart., Tr. Ent. Soc. Lond., 1923, 101.

MELOBASIS. L. & G., Mon. I., 1837, 118.

232. *abnormis* Cart., Tr. Ent. Soc. Lond., 1923, 83. N.W.V., S.A., Q.
 233. *aenea* Kerr., Gen. Ins., 1902, 158. A.
 234. *andersoni* Blkb., Roy. Soc. S.A., 1887, 234. S.A., W.A.
 235. *apicalis* Macl., Tr. Ent. Soc. N.S.W., 1872, 241. N.S.W., Q.
 suturalis Thoms., Typ. Bup., App. 1a, 1879, 17.
236. *bimetallica* Cart., Tr. Ent. Soc. Lond., 1923, 88. W.A.
 237. *callichloris* Kerr., Ann. Soc. Ent. Belg., 1898, 125. A.
 238. *caudata* Cart., Tr. Ent. Soc. Lond., 1923, 96. Cue, W.A.
 239. *chrysolina* Théry, Mem. Soc. Ent. Belg., 1910, 21. Townsville, Q.
 240. *costata* Macl., Tr. Ent. Soc. N.S.W., 1872, 240. N.S.W. & Q.
 241. *costifera* Thoms., Typ. Bup. App. 1a, 1879, 16. S.A., W.A.
 costata Saund., Ent. Mo. Mag., 1876, 155.
 Saundersi Mast., Cat. Aus. Col., 1886, 250.
242. *cruentata* Thoms., Typ. Bup. App. 1a, 1879, 16. N.S.W., V.
 puncticollis Blkb., Roy. Soc. S.A., 1887, 239.
243. *cuprevittata* Saund., Ent. Mo. Mag., 1876, 155. S.A., N.W.V.
 vittigera Thoms., Typ. Bup. App. 1a, 1879, 16.
 obsoleta Thoms., l.c., 15.
244. *cupriceps* Kirby, Tr. Linn. Soc. Lond., 1818, 457. N.S.W., Q., V., T.
 viridinitens Boisd., Voy. Astrol., 1832, 94.
 var. *iridescens* L. & G., Mon. I., 1837, 119.
245. *cupricollis* Kerr., Ann. Ent. Soc. Belg., 1898, 121. A.
 246. *cuprifera* L. & G., Mon. I., 1837, 119. Q., N.S.W., V., T., S.A.
 propinqua L. & G., l.c., 120.
 porteri Hope, Tr. Ent. Soc. Lond., 1846, 215.
 verna Hope, l.c., 214.
 goryi Saund., Cat. Bup., 1871, 44.
 suaveola Germ., Linn. Ent., 1848, 176.
 prasina Thoms., Typ. Bup. App. 1a, 1879, 17.
247. *cuprina* Kerr., Ann. Ent. Soc. Belg., 1898, 122. W.A.
 248. *cyaneipennis* Boh., Eng. Res. Zool., 1858, 59. Q.
 azureipennis Macl., Ent. Soc. N.S.W., 1872, 240.
 aureipennis Thoms., Typ. Bup. App. 1a, 1879, 22.
249. *derbyensis* Blkb., Roy. Soc. S.A., 1892, 44. W.A.
 250. *dives* Cart., Tr. Ent. Soc. Lond., 1923, 92. N.T.
 251. *elderi* Blkb., Roy. Soc. S.A., 1892, 35. Q., W.A.
 ? *nigrita* Kerr., Ann. Soc. Ent. Belg., 1900, 296.
252. *fairmairei* Kerr., Gen. Ins., 1902, 158. A.
 253. *fasciata* Cart., Tr. Ent. Soc. Lond., 1923, 98. N.S.W., V., Q.
 254. *formosa* Cart., l.c., 99. Cue, W.A.
 255. *fulgurans* Thoms., Typ. Bup. App. 1a, 1879, 20. Q., N.S.W., V., T., S.A.
 subfulgurans Thoms., l.c., 21.
 placida Kerr. (Thoms. ?), l.c., 17.
 intricata Blkb., Roy. Soc. S.A., 1887, 243.
 blackburni Kerr., Gen. Ins., 1902, 159.
 beltanensis Blkb., Linn. Soc. N.S.W., 1891, 499.
 subcyanea Blkb., l.c., 1892, 287.
 caeruleiventris Kerr., Ann. Soc. Ent. Belg., 1898, 123.

256. *gloriosa* L. & G., Mon. I., 1837, 123. W.A.
 var. pulchra Blkb., Roy. Soc. S.A., 1891, 294.
 purpureosignata Thoms., Typ. Bup. App. 1a, 1879, 18.
 thomsoni Blkb., Roy. Soc. S.A., 1890, 146.
257. *gratiosissima* Thoms., Typ. Bup. App. 1a, 1879, 18.
 Q., N.S.W., V., S.A., W.A.
 speciosa Blkb., Roy. Soc. S.A., 1887, 245.
258. *hypocrita* Erichs., Weigm. Arch. Naturg., 1843, 135. . . N.S.W., V., T.
 acuta Kerr., Ann. Ent. Soc. Belg., 1900, 44.
259. *igniceps* Saund., Ent. Mo. Mag., 1876, 156. W.A
260. *ignipicta* Kerr., Ann. Ent. Soc. Belg., 1900, 297. N.S.W., V.
261. *illidgei* Cart., Tr. Ent. Soc. Lond., 1923, 90. Longreach, Q.
262. *incerta* Kerr., Ann. Mus. Stor. Nat. Genov., 1892, 1002. . C. York & N.G.
263. *innocua* Thoms., Typ. Bup. App. 1a, 1879, 20. W.A.
264. *interstitialis* Blkb., Roy. Soc. S.A., 1901, 130. W.A.
265. *intricata* Deyr., Ann. Soc. Ent. Belg., 1864, 70. Q. & Aru Is.
 ignicauda Kerr., Ann. Mus. Genov., 1892, 1002.
266. *iridicolor* Cart., Tr. Ent. Soc. Lond., 1923, 93. N.Q.
267. *lathamii* L. & G., Mon. I., 1837, 120. V., S.A., W.A.
 serrulata Hope, Bup., 1846, 8.
 rubromarginata Saund., Ent. Mo. Mag., 1887, 156.
 laeta Saund., l.c.
 bicolor Blkb., Roy. Soc. S.A., 1891, 295.
 costipennis Kerr., Ann. Soc. Ent. Belg., 1898, 124.
 var. soror Blkb., Roy. Soc. S.A., 1887, 237.
268. *lauta* Macl., Linn. Soc. N.S.W., 1888, 228. N.W.A.
269. *maclayi* Cart., Tr. Ent. Soc. Lond., 1923, 89. N.Q.
270. *melanura* Kerr., Ann. Soc. Ent. Belg., 1900, 121. W.A.
271. *metallifera* Saund., Tr. Ent. Soc. Lond., 1868, 15. W.A.
272. *meyricki* Blkb., Roy. Soc. S.A., 1887, 238. W.A.
273. *monticola* Blkb., Linn. Soc. N.S.W., 1891, 496. V.
274. *nervosa* Boisd., Voy. Astrol., 1832, 77. N.S.W., V., T., S.A.
275. *nitidiventris* Kerr., Ann. Ent. Soc. Belg., 1898, 122. V.
276. *nobilitata* Thoms., Typ. Bup. App. 1a, 1879, 22. W.A.
277. *obscurella* Thoms., l.c., 19. N.S.W., V., S.A., T.
 rotundicollis Blkb., Roy. Soc. S.A., 1887, 241.
 viridiobscura Thoms., Typ. Bup. App. 1a, 1879, 19.
 violacea Kerr., Ann. Soc. Ent. Belg., 1898, 123.
278. *occidentalis* Cart., Tr. Ent. Soc. Lond., 1923, 95. . . . Yallingup, W.A.
279. *picticollis* Cart., l.c., 95. N.S.W. & Vic.
280. *prisca* Erichs., Weigm. Arch. Naturg., 1842, 135. V., T.
 semistriata Blkb., Roy. Soc. S.A., 1887, 235.
281. *purpurascens* F., Sys. Eleuth., 1801, 217. . . . Q., N.S.W., V., T., S.A.
 splendida Don., Ins. Aust., 1805, pl. 1, f. 4.
 purpureosignata L. & G., Mon. I., 1837, 6.
 faceta Thoms., Typ. Bup. App. 1a, 1879, 18.
 var. miranda Kerr., Ann. Soc. Ent. Belg., 1898, 128.
282. *pusilla* Cart., Linn. Soc. N.S.W., 1928, 272. Bowen, Q.
283. *quadrinotata* Cart., Tr. Ent. Soc. Lond., 1923, 84. . . . Townsville, Q.
284. *regalis* Cart., l.c., 97. Albany, W.A.
285. *robusta* Cart., l.c., 85. Kellerberrin, W.A.
286. *rothei* Blkb., Roy. Soc. S.A., 1887, 236. S.A., W.A.
287. *septemplagiata* Cart., Tr. Ent. Soc. Lond., 1923, 91. . . . Cue, W.A.
288. *sexplagiata* L. & G., Mon. I., 1837, 124. V., S.A., W.A.

- pyritosa* Hope, Tr. Ent. Soc. Lond., 1846, 214.
pretiosa Blkb., Roy. Soc. S.A., 1887, 244.
auronotata Kerr., Ann. Soc. Ent. Belg., 1898, 127.
 289. *subconica* Cart., Tr. Ent. Soc. Lond., 1923, 86. Geraldton, W.A.
 290. *simplex* Germ., Linn. Ent., 1848, 175. V., T., S.A.
 viridis Saund. Ent. Mo. Mag., 1876, 158.
 var. *obscura* Saund., l.e., 157.
 sordida Blkb., Roy. Soc. S.A., 1887, 238.
 semisuturalis Blkb., l.e., 246.
 concolor Kerr., Ann. Soc. Ent. Belg., 1898, 125.
 viridiventris Kerr., l.e., 124.
 vicina Kerr., l.e., 126.
 291. *superba* L. & G., Mon. I., 1837, 123. N.S.W.
 292. *terminata* Kerr., Ann. Soc. Ent. Belg., 1898, 127. W.A.
 293. *thoracica* Blkb., Roy. Soc. S.A., 1887, 246. V.
 294. *uniformis* Cart., Tr. Ent. Soc. Lond., 1923, 87. W.A.
 295. *vertebralis* Cart., l.e., 83. N.S.W. & Q.
 296. *viridiceps* Saund., Ent. Mo. Mag., 1876, 157. N.S.W.
 297. *vittata* Blkb., Roy. Soc. S.A., 1881, 242. Q., N.S.W., V., S.A.
S.G. DICEROPYGUS. Deyr., Ann. Soc. Ent. Belg., 1864, 68.
 298. *australis* Thoms., Typ. Bup. App. 1a, 1879, 15. C. York.
 299. *maculatus* Deyr., Ann. Soc. Ent. Belg., 1864, 68. N.T., & Key Is.
 quadritinctus Obenb., Arch. für Naturg., 1922, 93.
 300. *suturalis* Macl. (Melobasis) Linn. Soc. N.S.W., 1886, 158. N.Q. & N.G.
 301. *viridiauratus* Deyr., Ann. Soc. Ent. Belg., 1864, 72. Woodlark Is.
 302. *viridis* Kerr., Mem. Soc. Ent. Belg., 1900, 70. Woodlark Is.
 303. *woodlarkiana* Théry, Ann. Mus. Stor. Nat. Genova, 1923, 18. Woodlark Is.
 [The last three are closely allied and need comparison.]
TORRESITA. Gemm. & Har. Cat., 1869, 1382.
 304. *cuprifera* Kirby, Tr. Linn. Soc. Lond., 1818, 457. N.S.W.
 var. *chrysochloris* L. & G., Mon. I., 1837, 122.
 var. *dilatata* Redt., Reise Novara, 1867, 85.
 var. *aenea* Thoms., Typ. Bup. App. 1a, 1879, 23.
 chrysoptera Latr., Dep. Cat., 3 Ed., 90.
 305. *parallela* Kerr., Ann. Soc. Ent. Belg., 1898, 120. Q.
ANILARA. Thoms., Typ. Bup. App. 1a, 1879, 28.
 306. *adelaidae* Hope, Tr. Ent. Soc. Lond., 1846, 216. N.S.W., V., S.A., W.A.
 ? *deyrollei* Thoms., Typ. Bup. App. 1a, 1879, 29.
 307. *aeraria* Cart., Linn. Soc. N.S.W., 1926, 55. W.A.
 308. *angusta* Blkb., Roy. Soc. S.A., 1887, 296. N.S.W., V., S.A.
 cuprescens Kerr., Ann. Soc. Ent. Belg., 1898, 131.
 cyphogastra Théry, Mem. Soc. Ent. Belg., 1910, 29.
 309. *antharoides* Théry, l.e., 31. N.S.W.
 310. *antiqua* Théry, l.e., 30. Townsville, Q.
 311. *convexa* Kerr., Ann. Soc. Ent. Belg., 1898, 132. A.
 312. *doddi* Cart., Linn. Soc. N.S.W., 1928, 273. Kuranda, Q.
 313. *laeta* Blkb., Roy. Soc. S.A., 1891, 294. S.A.
 314. *longicollis* Théry, Mem. Soc. Ent. Belg., 1910, 26. N.S.W., V., S.A., Q.
 315. *nigrita* Kerr., Ann. Soc. Ent. Belg., 1898, 130. A.
 316. *obscura* Macl. (Melobasis) Ent. Soc. N.S.W., 1872, 241.
 Q., N.S.W., V., S.A.
 platessa Thoms., Typ. Bup. App. 1a, 1879, 29.
 soror Blkb., Roy. Soc. S.A., 1891, 296.

- uniformis* Kerr., Ann. Soc. Ent. Belg., 1898, 131.
deyrollei Kerr. (nec Thoms.) Ins. Gen., 1902, 170.
deplanata Théry, Mem. Soc. Ent. Belg., 1910, 28.
 ♀ *australis* Théry, l.c., 27.
317. *olivia* Cart., Linn. Soc. N.S.W., 1926, 54. N.Q.
 318. **pagana* Obenb., Col. Runds., 1915, 75. Vic.
 319. *planifrons* Blkb., Roy. Soc. S.A., 1887, 247.
 320. *purpurascens* Macl., Linn. Soc. N.S.W., 1888, 1229. N.W.A.
 321. *subcostata* Blkb., Roy. Soc. S.A., 1891, 296. S.A.
 322. *sulcicollis* Kerr., Ann. Soc. Ent. Belg., 1898, 129. N.S.W., Q.
 ♀ *tasmanica* Kerr., Gen. Ins., 1902, 170.
 323. *sulcipennis* Kerr., Ann. Soc. Ent. Belg., 1898, 129. N.S.W., Q.
 324. *viridula* Kerr., Jahrb. Hand. Wiss. Aust., 1902, 60. N.S.W., Q.
Anthaxia obscura Macl., Ent. Soc. N.S.W., 1872, 242.
macleayi Cart., nov. nom. (redundant) Tr. Ent. Soc. Lond., 1923,
 70.

* *A. pagana* Obenb., by an oversight, was omitted from my Revision (Linn. Soc. N.S.W., 1926).

NOTOGRAPHUS. Thoms., Typ. Bup. App. 1a, 1879, 26.

Notographus Macl., Ent. Soc. N.S.W., 1872, 243.

Anthaxoschema Obenb., Sbornik. Ent. Mus., Praze, 1923, 23.

325. **deyrollei* Obenb., Ent. Blätter., 1922, 73. C. York.
 326. *hieroglyphicus* Macl., Ent. Soc. N.S.W., 1872, 243. Q.
 327. **macleayi* Obenb., Ent. Blätter., 1922, 73. W.A.
 328. *sulcipennis* Macl., Ent. Soc. N.S.W., 1872, 244. Q.
 329. *uniformis* Macl. (Anthaxia) Linn. Soc. N.S.W., 1888, 1227. N.W.A.
thomsoni Obenb., Ent. Blätter., 1922, 73.
 330. *yorkensis* Obenb., l.c., 73. C. York.
 ♀ *terraereginae* Obenb. (Anthaxoschema) Sborn. Ent. Mus.
 Praze, 1923, 23.

Obenberger's species are only scantily indicated by a table. As he himself says "Alle sind einander sehr ähnlich und schwer zum Bestimmen." I think I have been able to determine two of them—*yorkensis* Ob. and *thomsoni*—the latter as above.

THERYAXIA. Cart., Linn. Soc. N.S.W., 1928, 549.

331. *suttoni* Cart., l.c., 550. Stanthorpe, Q.

NEOCURIS. Fairm., Ann. Soc. Ent. Fr., 1877, 334.

332. *aenescens* Cart., Linn. Soc. N.S.W., 1928, 281. Bogan R., N.S.W.
 333. *anthaxioides* Fairm., Ann. Soc. Ent. Fr., 1877, 336. S.A. & W.A.
 var. *livida* Cart., Linn. Soc. N.S.W., 1924, 532.
 334. *asperipennis* Fairm., l.c., 339. S.A.
 335. *auroimpressa* Cart., Linn. Soc. N.S.W., 1924, 536. Wide Bay, Q.
 336. *browni* Cart., l.c., 1915, 80. Cue, W.A.
luteotincta Obenb., Col. Rundsch., 1917, 104.
 337. *carteri* Obenb., Sbornik. Ent. Nat. Mus. Praze, 1923, 74. N.Q.
 338. *coeruleans* Fairm., Ann. Soc. Ent. Fr., 1877, 335. N.S.W.
pilosula Obenb., Sborn. Entom., 1923, 73.
 339. *crassa* Obenb., l.c., 76. N.S.W.
 340. *cuprilatera* Fairm., Ann. Soc. Ent. Fr., 1877, 336. N.S.W.
 ♀ *indigacea* Obenb., Sbornik. Entom., 1923, 75.
 341. *dichroa* Fairm., Ann. Soc. Ent. Fr., 1877, 339. V.
 342. *discoflava* Fairm., l.c. W.A.
 343. *doddi* Cart., Linn. Soc. N.S.W., 1928, 281. Chinchilla, Q.

344. *fairmairei* Blkb., Roy. Soc. S.A., 1887, 249. S.A.
 345. *fortnumi* Hope, Ent. Soc. Lond., 1845, 216. V., S.A.
 346. *gracilis* Macl., Ent. Soc. N.S.W., 1872, 271. N.S.W., Q.
 soror Fairm., Ann. Soc. Ent. Fr., 1877, 387.
 var. *atra* Obenb., Sbornik. Entom., 1923, 74.
 var. *ignota* Obenb., l.c.
 var. *oblongula* Obenb., l.c.
 var. *lepida* Obenb., l.c.
 347. *guerini* Hope, Ent. Soc. Lond., 1845, 103. N.S.W., S.A.
 348. *monochroma* Fairm., Ann. Soc. Ent. Fr., 1877, 334. N.S.W., S.A.
 349. *nickerli* Obenb., Sbornik. Entom., 1923, 76. Q.
 350. *obscurata* Obenb., l.c., 74.
 351. *ornata* Cart., Linn. Soc. N.S.W., 1912, 509. Q.
 hoscheki Obenb., Col. Randsch., 1917, 104.
 352. *pauperata* Fairm., Ann. Soc. Ent. Fr., 1877, 337. S.A.
 353. *pubescens* Blkb., Roy. Soc. S.A., 1887, 250. S.A.
 354. *smaragdifrons* Obenb., Sbornik. Entom., 1923, 73. N.T.
 355. *thoracica* Fairm., Ann. Soc. Ent. Fr., 1877, 340. S.A. & W.A.
 356. *violacea* Cart., Linn. Soc. N.S.W., 1928, 282. Bellinger R., N.S.W.
 357. *viridiaurea* Macl., Linn. Soc. N.S.W., 1888, 1229. N.W.A.
 358. *viridimicans* Fairm., Ann. Soc. Ent. Fr., 1877, 335. W.A.
 var. *sapphira* Cart., Linn. Soc. N.S.W., 1924, 532.
- PSEUDANILARA*. Théry, Mem. Ent. Soc. Belg., 1910, 32.
 Neotorresita Obenb., Sbornik. Entom., 1923, 19.
359. *bicolor* Cart., Linn. Soc. N.S.W., 1924, 524. N.Q.
 360. *cupripes* Macl. (*Anthaxia*) Ent. Soc. N.S.W., 1872, 242. N.S.W., Q., V.
 dilatocollis Blkb. (*Neocuris*) Roy. Soc. S.A., 1892, 42.
 laticeps Kerr. (*Melobasis*) Ann. Soc. Ent. Belg., 1898, 126.
 australasiae Kerr. (*Melanophila*) Jahrb. Hamb. Wiss. Aust.,
 1902, 59.
 achardi Obenb. (*Neotorresita*) Sborn. Entom., 1923, 20.
361. *dubia* Cart., Linn. Soc. N.S.W., 1926, 57. Q., W.A.
 362. *occidentalis* Cart., l.c., 1924, 525. W.A.
 363. *piliventris* Cart., l.c., 1926, 58. S.A.
 364. *pilosa* Cart. (*Neocuris*) Linn. Soc. N.S.W., 1912, 510. Q.
 365. *purpureicollis* Macl. (*Anthaxia*) Ent. Soc. N.S.W., 1872, 242.
 Q., N.S.W., Vic.
 var. *nigra* Macl., l.c.
 nigricans Blkb. (*Neocuris*) Roy. Soc. S.A., 1892, 43.
 roberti Théry, Mem. Ent. Soc. Belg., 1910, 32.
- Tribe STIGMODERINI
 Sub-tribe *Julodimorphae*.
- JULODIMORPHA*. Thoms., Typ. Bup., 1878, 51.
366. *bakewelli* White, Ann. Mag. Nat. Hist., 1859, 290. V., S.A., W.A.
 Sub-tribe *Stigmoderae*.
- CALODEMA*. L. & G., Mon. ii., 1838, 70.
367. *plebeja* Jordan, Ann. Mag. Nat. Hist., 1895, 220. N.Q.
 368. *regalis* L. & G., Mon. ii., 1838, 71. N.S.W. & Q.
 Kirbyi Hope, Col. Man., 1840, 173.
 369. **wallacei* Deyr., Ann. Soc. Ent. Belg., 1864, 78. N.Q. & N. Guinea.
 *fide Blkb., Roy. Soc. S.A., 1896, 35.
- METAXYMORPHA*. Parry, Tr. Ent. Soc. Lond., 1848, 82.
370. *gloriosa* Blkb., Roy. Soc. S.A., 1894, 207. N.Q.

371. *grayi* Parry, Tr. Ent. Soc. Lond., 1848, 82. N.S.W. & Q.
rubromarginata Théry, Ann. Soc. Ent. Belg., 1922, 261.
372. *hauseri* Théry, Ann. Soc. Ent. Belg., 1926, 167. N.Q.
- CURIS. L. & G., Mon. ii., 1838, 47.
Neocuroopsis Obenb., Sborn. Ent. Mus. Praze, 1923, 22.
373. *aurifera* L. & G., Mon. ii., 1838, 49. N.S.W., V., S.A.
aurovittata Boh., Res. Eugen., 1858, 60.
374. *caloptera* Boisds., Voy. Astrol., 1832, 93.
dives (*Antharia*) Hope, Bupr., 1846, 9.
var. *formosa* Gestro, Ann. Mus. Genov., 1877, 443.
confusa Obenb., Sborn. Ent., 1923, 72.
375. *chloriantha* Fairm., Ann. Soc. Ent. Fr., 1877, 330. W.A.
376. *carusca* Waterh., Ann. Mag. Nat. Hist., 1882, 51. V.
377. *despecta* Fairm., Ann. Soc. Ent. Fr., 1877, 328. W.A.
378. *discoidalis* Blkb., Roy. Soc. S.A., 1892, 214. W.A.
379. *intercibrata* Fairm., Ann. Soc. Ent. Fr., 1877, 328. W.A.
380. *obscura* Cart., Linn. Soc. N.S.W., 1924, 530. S.A.
381. *olivacea* Cart., l.e., 1912, 510. Q.
382. *peroni* Fairm., Ann. Soc. Ent. Fr., 1877, 327. Kangaroo Island.
383. *regia* Cart., Linn. Soc. N.S.W., 1928, 277. N.T.
384. *spencei* Mannerh., Bull. Masc., 1837, 68. S.A., W.A.
385. *splendens* Mael., Ent. Soc. N.S.W., 1872, 245. N.S.W. & Q.
brachelytra Fairm., Ann. Soc. Ent. Fr., 1877, 333.
fairmairei Cart., Linn. Soc. N.S.W., 1924, 531.
386. *viridicyanea* Fairm., Ann. Soc. Ent. Fr., 1877, 332. Q.
387. *yalgoensis* Cart., Linn. Soc. N.S.W., 1924, 530. W.A.
- STIGMODERA. Eeschscholtz, Zool. Atl., 1829, 9.
388. *cancellata* Don., Ins. N. Holl., 1805, 7. W.A.
dejeani Hope, Bupr., 1836, 7.
dejeaneana Boisds., Voy. Astrol., 1835, 63.
389. *goryi* L. & G., Mon. ii., 1838, 7. N.S.W.
curtisi Hope, Bupr., 1836, 3.
390. *gratiosa* Chevrol., Rev. Zool., 1843, 201. W.A.
smaragdina Hope, Tr. Ent. Soc. Lond., 1847, 283.
391. *jacquinoti* Boisds., Voy. Astrol., 1835, 67. N.S.W.
392. *macularia* Don., Ins. N. Holl., 1805, 8. N.S.W., V.
cicatricosa Dalm., Anal. Ent., 1823, 53.
393. *porosa* Cart., Roy. Soc. S.A., 1916, 110. S.Q.
394. *roei* Saund., Tr. Ent. Soc. Lond., 1868, 24. W.A.
cancellata Boisds., Voy. Astrol., 1835, 62.
vescoei Gehin., Bull. Soc. Moselle, 1855, 6.
395. *sanguinosa* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A., & N.W. Vic.
- S.G. THEMOPGNATHA. Solier., Ann. Soc. Ent. Fr., 1833, 291.
396. *aestimata* Kerr., Ann. Ent. Soc. Belg., 1898, 135. V.
397. *affinis* Saund., Jour. Linn. Soc., 1868, 461. N.S.W.
limbata L. & G., Mon. ii., 1838, 36.
adelpha Thoms., Typ. Bup., 1878, 52.
398. *barbiventris* Cart., Roy. Soc. S.A., 1916, 113. N.S.W.
399. *bonvouloiri* Saund., Journ. Linn. Soc., 1868, 460.
400. *brucki* Thoms., Typ. Bup., 1878, 53. W.A.
401. *caroli* Blkb., Roy. Soc. S.A., 1894, 140. W.A.
capucina Blkb., l.e., 1892, 216.
402. *carpentariae* Blkb., l.e., 53. N.Q.

403. *chevrolati* Gehin., Bull. Soc. Moselle., 1855, 10.
imperatrix White, Ann. Mag. Nat. Hist., 1859, 290.
imperator Thoms., Bull. Soc. Ent. Fr., 1879, 14.
404. *chaleodera* Thoms., Typ. Bup., 1878, 52. W.A.
405. *congener* Saund., Ins. Saund., 1869, 1. S.A.
406. *conspicillata* White, Ann. Mag. Nat. Hist., 1843, 344. W.A.
signaticollis Hope, Tr. Ent. Soc. Lond., 1846, 209.
cyanura Hope, l.c., 211.
407. *donorani* L. & G., Mon. ii., 1838, 17. Q.
408. *duboulayi* Saund., Tr. Ent. Soc. Lond., 1872, 253. N.W.A.
409. *ducalis* Cart., Linn. Soc. N.S.W., 1927. W.A.
410. *duponti* Boisd., Voy. Astrol., 1835, 60. S.A. & W.A.
stevensi Gehin., Bull. Soc. Moselle., 1835, 8.
411. *excisicollis* Mael., Ent. Soc. N.S.W., 1862, 31.
addenda Thoms., Typ. Bup., 1878, 52.
sincera Kerr., Ann. Soc. Ent. Belg., 1898, 136.
desperata Obenb., Archiv. für Naturg., 1922, 113.
412. *flavicollis* Saund., Ins. Saund., 1869, 3. S.A.
unicincta Saund., Tr. Ent. Soc. Lond., 1872, 252.
413. *flavocincta* L. & G., Mon. ii., 1838, 6. S.A., W.A.
414. *flavomarginata* Gem. & Har., Cat. Col., 1869, 1400. S.A.
cruentata Murray, Ann. Soc. Ent. Fr., 1852, 253.
415. *fortnumi* Hope, Tr. Ent. Soc. Lond., 1842, 102. N.S.W., V., S.A.
416. *franca* Cart., Roy. Soc. S.A., 1916, 111. N.Q.
417. *gigas* Cart., l.c., 112. W.A.
418. *gloriosa* Cart., l.c., 115. W.A.
419. *grandis* Don., Ep. Ins. N. Holl., 1805, t. 8, fig. 1. N.S.W.
420. *haematica* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A.
clara Kerr., Ann. Soc. Ent. Belg., 1900, 313.
421. *heros* Gehin., Bull. Soc. Moselle., 1855, 7. N.S.W., V., S.A., W.A.
422. *imperialis* Cart., Roy. Soc. S.A., 1916, 116. W.A.
423. *jansonii* Saund., Jour. Linn. Soc., 1868, 462. Q.
424. *laevicollis* Saund., l.c., 466. N.W.A.
425. *latithorax* Thoms., Arch. Ent., 1857, 112. N.S.W.
426. *lessoni* L. & G., Mon. ii., 1838, 127. W.A.
acutithorax Thoms., Arch. Ent., 1857, 113.
427. *limbata* Don., Epit. Ins. N. Holl., 1805, t. 8, fig. 4. N.S.W.
428. *lobicollis* Saund., Jour. Linn. Soc., 1868, 462. Q.
429. *macfarlani* Waterh., Ann. Mag. Nat. Hist., 1881, 463. Torres Strait, N.Q.
430. *marcida* Blkb., Roy. Soc. S.A., 1892, 52. W.A.
431. **marginalis* Cart., Linn. Soc. N.S.W., 1929. W.A.
432. *martini* Saund., Ins. Saund., 1869, 2. N.W.A.
433. *menalcas* Thoms., Bull. Soc. Ent. Fr., 1879, 14. V.
434. *miranda* Cart., Linn. Soc. N.S.W., 1927. W.A.
435. *mitchelli* Hope, Tr. Ent. Soc. Lond., 1846, 209. N.S.W., V., T., S.A., W.A.
stricklandi Hope, l.c., 220.
daphnis Thoms., Arch. Ent., 1857, 112.
ostentatrix Thoms., Bull. Soc. Ent. Fr., 1879, 93.
var 1. *quadrispilota* Saund., Ins. Saund., 1869, 5.
var 2. *tasmanica* Kerr., C.R. Soc. Ent. Belg., 1890, 2.
var 3. *karattae* Blkb., Roy. Soc. S.A., 1890, 149.
436. *miszechi* Saund., Jour. Linn. Soc., 1868, 460.
437. *murrayi* Gem. & Har., Cat. Col., 1869, 1401. King George's Sound, W.A.
trifasciata Murray, Ann. Soc. Ent. Fr., 1852, 254.
imperatrix Thoms., Bull. Soc. Ent. Fr., 1879, 14.

438. *notaticollis* Cart., Roy. Soc. S.A., 1916, 117. Berrima, N.S.W.
 439. *obscuripennis* Mannerh., Bull. Mose., 1837, 32. W.A.
 rugosipennis Thoms., Arch. Ent., 1857, 111.
 440. *oleata* Blkb., Roy. Soc. S.A., 1894, 142. W.A.
 441. *parryi* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A.
 fusca Saund., Cat. Bup., 1871, 66.
 parvicollis Saund., Ins. Saund., 1869, 1.
 picea Kerr., C.R. Soc. Ent. Belg., 1890, 40.
 queenslandica Obenb., Arch. für Naturg., 1922, 112.
 442. **particollis* Cart., Linn. Soc. N.S.W., 1929. W.A.
 443. *pascoei* Saund., Jour. Linn. Soc., 1868, 463. W.A.
 444. *pictipes* Blkb., Roy. Soc. S.A., 1894, 140. W.A.
 445. *praececellens* Kerr., C.R. Soc. Ent. Belg., 1890, 140. N.S.W. & V.
 frenchi Blkb., Roy. Soc. S.A., 1890, 150.
 446. *praeterita* Cart., Linn. Soc. N.S.W., 1924, 20. N.S.W.
 447. *princeps* Blkb., Roy. Soc. S.A., 1891, 137. W.A.
 448. *pubicollis* Waterh., Tr. Ent. Soc. Lond., 1874, 539. W.A.
 major Waterh., l.e.
 lateritia Thoms., Typ. Bup. App. 1a, 1879, 30.
 449. *rectipennis* Blkb., Roy. Soc. S.A., 1891, 138. W.A.
 apicerubra Kerr., Ann. Soc. Ent. Belg., 1900, 314.
 450. *regia* Blkb., Roy. Soc. S.A., 1892, 218. N.Q.
 451. *reichei* L. & G., Mon. ii, 1838, 13. W.A.
 funerea White, Ann. Mag. Nat. Hist., 1843, 344.
 marmorea Blkb., Roy. Soc. S.A., 1890, 148.
 452. *rufocyanea* Cart., l.e., 1916, 117. A.
 453. *sanguinea* Saund., Ins. Saund., 1869, 4. N.W.V., S.A.
 pictiventris Kerr., Ann. Soc. Ent. Belg., 1900, 314.
 avuncularis Thoms., Typ. Bup. App. 1a, 1879, 30.
 454. *sanguineocincta* Saund., Jour. Linn. Soc., 1868, 461. Q.
 alcyone Thoms., Bull. Soc. Ent. Fr., 1879, 77.
 coelestis Thoms., Arch. Ent., 1857, 113.
 455. *sanguinipennis* L. & G., Mon. ii, 1838, 16. V.
 cincticollis Kerr., Ann. Soc. Ent. Belg., 1898, 134.
 456. *sanguiniventris* Saund., Jour. Linn. Soc., 1868, 465. S.A.
 457. *saundersi* Waterh., Ann. Mag. Nat. Hist., 1876, 70. Q., N.S.W.
 obesissima Thoms., Typ. Bup. App. 1a, 1879, 32.
 458. *sexmaculata* Saund., Jour. Linn. Soc., 1868, 465. N.S.W.
 459. *similis* Saund., l.e., 463. Q. & N.S.W.
 460. *spencei* L. & G., Mon. ii, 1838, 13. N.S.W.
 egregia Boh., Eng. Res. Ent., 1858, 60.
 sternoceroides Thoms., Bull. Soc. Ent. Fr., 1879, 13.
 461. *suturalis* Don., Epit. Ins. N. Holl., 1805, pl. 8, fig. 5. N.S.W.
 vertebralis Boisd., Voy. Astrol., 1835, 66.
 462. *tibialis* Waterh., Tr. Ent. Soc. Lond., 1874, 440. S.A. & W.A.
 463. *thoracica* Saund., Jour. Linn. Soc., 1868, 464. N.S.W.
 atalanta Thoms., Bull. Soc. Ent. Fr., 1879, 79.
 464. *tricolorata* Waterh., Tr. Ent. Soc. Lond., 1874, 545. N.W.A.
 465. *variabilis* Don., Epit. Ins. N. Holl., 1805, t. 7, fig. 1. N.S.W., V., S.A., Q.
 kingi W. S. Macl., King Surv., 1827, 441.
 var. *nigripennis* L. & G., Mon. ii, 1838, 15.
 unifasciata L. & G., l.e., 20.
 cyaniventris Kerr., Ann. Soc. Ent. Belg., 1900, 315.

* 431 and 442 unpublished at time of going to press.

- ? *quinquefossulata* Théry, Mem. Ent. Soc. Belg., 1910, 54.
 466. *viridicauda* Cart., Arch. für Zool., 1920, 3. N.Q.
 467. *viridicincta* Waterh., Tr. Ent. Soc. Lond., 1874, 543. Q
 468. *vitticollis* Macl., Ent. Soc. N.S.W., 1862, 30. N.S.W., Q.
 delia Thoms., Bull. Soc. Ent. Fr., 1879, 124.
 fallaciosa Kerr., C.R. Soc. Ent. Belg., 1890, 41.
 469. *westwoodi* Saund., Jour. Linn. Soc., 1868, 464. S.A., W.A.
 470. *wimmerae* Blkb., Roy. Soc. S.A., 1890, 151. V.
 471. *yarelli* L. & G., Mon. ii., 1838, 14. W.A.
 var 1. *flavipennis* Gehin., Bull. Soc. Moselle, 1855, 11.
 var 2. *elegans* Gehin., l.c., 12.
 var 3. *varicollis* Cart., Linn. Soc. N.S.W., 1912, 497.

S. G. CASTLARINA. Lap et Gory, Mon. Bupr., 1838, 22.

472. *abdominalis* Saund., Jour. Linn. Soc., 1868, 467. N.S.W.
 ? *unica* Kerr., Ann. Ent. Soc. Belg., 1898, 150.
 473. *acuminata* Kerr., Ann. Ent. Soc. Belg., 1898, 142. N.Q.
 474. *acuticeps* Saund., Ins. Saund., 1869, 19. W.A.
 475. *acuticollis* Cart., Linn. Soc. N.S.W., 1916, 133. Q.
 476. *aeneicornis* Saund., Jour. Linn. Soc., 1868, 472. . . . N.W.A. & N.S.W.
 477. *affabilis* Kerr., Ann. Soc. Ent. Belg., 1898, 141. . . . Stradbroke IS., Q.
 simplex Kerr., Gen. Ins., 1902, 210.
 478. *alternecosta* Thoms., Typ. Bup. App. 1a, 1879, 35. . . . V., N.S.W., Q.
 479. *alexandri* Cart., l.c., 1916, 119. W.A.
 480. *alternata* Lumh., "Amongst cannibals," 1889, 197. N.Q.
 alacris Kerr., Bull. Soc. Ent. Belg., 1890, 47.
 libens Kerr., Gen. Ins., 1902, 209.
 quadrinotata Blkb., Roy. Soc. S.A., 1892, 49.
 481. *amabilis* L. & G., Mon. ii., 1838, 19. W.A.
 482. *andalis* Saund., Ins. Saund., 1869, 7. S.Q.
 483. *anchoralis* L. & G., Mon. ii., 1838, 26. W.A.
 agrestis Kerr., Ann. Soc. Ent. Belg., 1898, 140.
 arborifera Blkb., Roy. Soc. S.A., 1892, 51.
 484. *andersoni* L. & G., Mon. ii., 1838, 42. N.S.W., V.
 var. *verax* Kerr., Ann. Soc. Ent. Belg., 1898, 146.
 485. *argillacea* Cart., Roy. Soc. S.A., 1916, 126. N.W.V.
 486. *assimilis* Hope, Tr. Ent. Soc. Lond., 1846, 212. N.S.W., V.
 487. *attenuata* Cart., Roy. Soc. S.A., 1916, 132. V.
 488. *atricollis* Saund., Ins. Saund., 1869, 22. S.A. & W.A.
 tripartita Kerr., Ann. Soc. Belg., 1900, 317.
 489. *atronotata* Waterh., Tr. Ent. Soc. Lond., 1874, 542. Q.
 guttaticollis Blkb., Roy. Soc. S.A., 1890, 158.
 consularis Kerr., Ann. Soc. Ent. Belg., 1900, 149.
 490. *audax* Saund., Ins. Saund., 1869, 5. A.
 491. *aureola* Cart., Linn. Soc. N.S.W., 1912, 499. W.A.
 492. *auricollis* Thoms., Arch. Ent., 1857, 114. N.S.W., Q.
 ochreiventris Saund., Ins. Saund., 1869, 8.
 strigata Macl., Ent. Soc. N.S.W., 1862, 27.
 pallidipennis Blkb., Roy. Soc. S.A., 1890, 154.
 493. *aurifera* Cart., Linn. Soc. N.S.W., 1922, 68. N.Q.
 494. *aurolimbata* Cart., l.c. N.Q.
 495. *australasiae* L. & G., Mon. ii., 1838, 32. N.S.W., V., T., S.A.
 simulata Hope, Bup., 1836, 3.
 melbournensis Thoms., Typ. Bup. App. 1a, 1879, 34.

496. *balteata* Saund., Ins. Saund., 1869, 16. N.S.W.
postica Thoms., Typ. Bup. App. 1a, 1879, 37.
497. *bella* Saund., Cat. Bup., 1871, 71. N.S.W., V.
cruentata L. & G., Mon. ii., 1838, 29.
 var. *dironi* Cart., Linn. Soc. N.S.W., 1926, 57.
498. *bicineta* Boisd., Voy. Astrol., 1835, 89.
bicingulata L. & G., Mon. ii., 1838, 30.
dejeani Gory., Mon. iv., 1841, errata.
trispinosa Kerr., C.R. Soc. Ent. Belg., 1890, 43.
499. *bifasciata* Saund., Jour. Linn. Soc., 1868, 263. W.A.
500. *biguttata* Mael., Ent. Soc. N.S.W., 1862, 24. Q.
terraereginae Blkb., Roy. Soc. S.A., 1893, 295.
triangulosa Kerr., Ann. Soc. Ent. Belg., 1898, 147.
501. *bimaculata* Saund., Jour. Linn. Soc., 1868, 481. . . N.W.V., S.A. & W.A.
punctiventris Saund., l.c., 17.
guttata Blkb., Roy. Soc. S.A., 1890, 158.
 var 1. *minor* Blkb., l.c.
 var 2. *ignea* Blkb., Roy. Soc. S.A., 1892, 219.
502. *binotata* Saund., Cat. Bup., 1871, 72. N.A.
bimaculata Saund., Ins. Saund., 1869, 7.
503. *blackburni* Cart., l.c., 1916, 118. S.A.
504. *bremei* Hope, Tr. Ent. Soc. Lond., 1845, 102. N.S.W., V.
505. *browni* Cart., Roy. Soc. S.A., 1916, 121. W.A.
506. *brutella* Thoms., Typ. Bup. App. 1a, 1879, 37. N.S.W.
terminalis Kerr., C.R. Soc. Ent. Belg., 1890, 45.
507. *burchelli* L. & G., Mon. ii., 1868, 38. N.S.W., W.A.
508. *campestris* Blkb., Roy. Soc. S.A., 1897, 30. Q.
saunderiana Obenb., Arch. für Naturg., 1922, 120.
509. *cara* Blkb., Roy. Soc. S.A., 1892, 216. Q.
placens Kerr., Ann. Soc. Ent. Belg., 1898, 139.
510. *carinata* Mael., Ent. Soc. N.S.W., 1862, 26. Q.
opacula Obenb., Arch. für Naturg., 1922, 121.
511. *carminea* Saund., Jour. Linn. Soc., 1868, 474. N.S.W.
512. *castelnaudi* Saund., Ins. Saund., 1869, 9. N.W.V., S.A. & W.A.
castelnaudi Thoms., Typ. Bup., 1878, 53.
thomsoniana Mast., Cat. Col., 1886, 273.
laportei Kerr., C.R. Soc. Ent. Belg., 1890, 42.
513. *caudata* Kerr., Ann. Soc. Ent. Belg., 1900, 316. N.S.W.
514. *chobauti* Théry, Bull. Soc. Ent. Fr., 1895, 328. A.
515. *cinnamomea* Mael., Ent. Soc. N.S.W., 1862, 25.
516. *clancula* Obenb., Arch. für Naturg., 1922, 117. Q.
517. *clarki* Cart., Linn. Soc. N.S.W., 1922, 69. S.W.A.
518. *coccinata* Hope, Tr. Ent. Soc. Lond., 1845, 105. S.A. & W.A.
elegantula White, Stokes Journ., 1846, 507.
519. *coeruleipes* Saund., Ins. Saund., 1869, 13. N.S.W., S.A.
520. *cognata* Kerr., Ann. Soc. Ent. Belg., 1898, 136. N.S.W.
521. *colligens* Kerr., l.c., 1890, 44. Q.
522. *commiata* Cart., Linn. Soc. N.S.W., 1924, 26. Sydney, N.S.W.
523. *confinis* Kerr., Ann. Soc. Ent. Belg., 1898, 151. A.
524. *confusa* Waterh., Tr. Ent. Soc. Lond., 1874, 541. Q.
525. *convexa* Cart., Linn. Soc. N.S.W., 1913, 506. W.A.
526. *cordifer* Kerr., C.R. Soc. Ent. Belg., 1890, 44. W.A.
527. *costata* Saund., Jour. Linn. Soc., 1868, 470. N.S.W.
528. *costipennis* Saund., Ins. Saund., 1868, 13. N.S.W.

529. *crenata* Don., Epit. Ins. N. Holl., t. 7, fig. 3. A.
amphichroa Boisd., Voy. Astrol., 1835, 20.
sexspilota L. & G., Mon. ii., 1838, 35,
sieboldi L. & G., l.c., 38.
530. *crocicolor* L. & G., Mon. ii., 1838, 44. W.A.
consanguinea Saund., Tr. Ent. Soc. Lond., 1868, 49.
531. *cruenta* L. & G., l.c., 29. N.S.W.
532. *crur* Saund., Jour. Linn. Soc., 1868, 473. A.
533. *cupida* Kerr., Ann. Soc. Ent. Belg., 1894, 138. N.S.W. & Q.
534. *cupricauda* Saund., Ins. Saund., 1869, 475. N.S.W.
535. *cupricollis* Saund., Jour. Linn. Soc., 1868, 470. N.S.W.
alterzona Thoms., Typ. Bup., 1878, 54.
deyrollei Thoms., Bull. Soc. Ent. Fr., 1879, 125.
julia Thoms., Typ. Bup. App. 1a, 1879, 31.
536. *cyanipes* Saund., Jour. Linn. Soc., 1868, 468. S.A., W.A.
537. *cydista* Rainb., Rec. Aus. Mus., 1904, 246. N.S.W.
538. *cylindracea* Saund., Jour. Linn. Soc., 1868, 476. S.A., W.A.
bucolica Kerr., Ann. Soc. Ent. Belg., 1898, 42.
539. *decemmaculata* Kirby, Tr. Linn. Soc., 1818, 456. . . Q., N.S.W., V., S.A.
inaequalis Kerr., Gen. Ins., 1902, 207.
540. *decipiens* Westw., Mag. Zool. Bot., 1837, 253. Q.
capucina Thoms., Rev. & Mag. Zool., 1856, 116.
tricarinata Macl., Ent. Soc. N.S.W., 1862, 29.
var. *octocostata* Cart., Roy. Soc. S.A., 1916, 130.
541. *delectabilis* Hope, Tr. Ent. Soc. Lond., 1847, 284. . . . N.S.W., V., S.A.
542. *deleta* Kerr., Gen. Ins., 1902, 208. Q.
543. *delta* Thoms., Typ. Bup. App. 1a, 1879, 38. Q., N.S.W.
deceptor Kerr., Gen. Ins., 1902, 209.
544. *delicatula* Kerr., l.c., 209. Q.
? *guttifera* Obenb., Archiv. für Naturg., 1922, 121.
545. *desideria* Cart., Roy. Soc. S.A., 1916, 122. Cue, W.A.
546. *deuqueti* Cart., Linn. Soc. N.S.W., 1927. Armidale, N.S.W.
547. *diana* Obenb., Archiv. für Naturg., 1922, 120. A.
548. *dicax* Obenb., l.c., 119. N.Q.
549. *dilatocollis* Cart., Linn. Soc. N.S.W., 1927. W.A.
550. *dimidiata* Cart., l.c., 1908. N.S.W., T.
var. *leai* Cart., Roy. Soc. S.A., 1916, 136; Linn. Soc. N.S.W.,
1919, 138.
dorsalis Obenb., Archiv. für Naturg., 1922, 120.
551. *disjecta* Kerr., C.R. Soc. Ent. Belg., 1890, 48. Q.
552. *distincta* Saund., Jour. Linn. Soc., 1868, 473. Q
sternalis Blkb., Roy. Soc. S.A., 1892, 47.
deliciosa Kerr., Ann. Soc. Ent. Belg., 1898, 145.
var. *baliola* Kerr., l.c., 144.
var. *inermis* Kerr., C.R. Soc. Ent. Belg., 1890, 45.
553. *distinguenda* Saund., Ins. Saund., 1869, 9. A.
554. *doddi* Cart., Linn. Soc. N.S.W., 1913, 505. N.Q.
555. **duaringae* Cart., l.c., 1929. Q.
556. *elderi* Blkb., Roy. Soc. S.A., 1892, 36. W.A.
rustica Kerr., Ann. Soc. Ent. Belg., 1898, 154.
diversa Kerr., l.c., 1900, 317.
557. *elongata* Saund., Jour. Linn. Soc., 1868, 408. W.A.
558. *elongatula* Macl., Ent. Soc. N.S.W., 1872, 246. Q., N.S.W., V., S.A., W.A.

* Unpublished at time of going to press.

- uniformis* Kerr., Ann. Soc. Ent. Belg., 1898, 131.
deyrollei Kerr. (nec Thoms.) Ins. Gen., 1902, 170.
deplanata Théry, Mem. Soc. Ent. Belg., 1910, 28.
 ? *australis* Théry, l.c., 27.
317. *olivia* Cart., Linn. Soc. N.S.W., 1926, 54. N.Q.
 318. **pagana* Obenb., Col. Rundsch., 1915, 75. Vic.
 319. *planifrons* Blkb., Roy. Soc. S.A., 1887, 247.
 320. *purpurascens* Macl., Linn. Soc. N.S.W., 1888, 1229. N.W.A.
 321. *subcostata* Blkb., Roy. Soc. S.A., 1891, 296. S.A.
 322. *sulcicollis* Kerr., Ann. Soc. Ent. Belg., 1898, 129. N.S.W., Q.
 ? *tasmanica* Kerr., Gen. Ins., 1902, 170.
 323. *sulcipennis* Kerr., Ann. Soc. Ent. Belg., 1898, 129. N.S.W., Q.
 324. *viridula* Kerr., Jahrb. Hand. Wiss. Aust., 1902, 60. N.S.W., Q.
Anthaxia obscura Macl., Ent. Soc. N.S.W., 1872, 242.
macleayi Cart., nov. nom. (redundant) Tr. Ent. Soc. Lond., 1923,
 70.

* *A. pagana* Obenb., by an oversight, was omitted from my Revision (Linn. Soc. N.S.W., 1926).

NOTOGRAPHUS. Thoms., Typ. Bup. App. 1a, 1879, 26.

Notograptus Macl., Ent. Soc. N.S.W., 1872, 243.

Antharoschema Obenb., Sbornik Ent. Mus., Praze, 1923, 23.

325. **deyrollei* Obenb., Ent. Blätter, 1922, 73. C. York.
 326. *hieroglyphicus* Macl., Ent. Soc. N.S.W., 1872, 243. Q.
 327. **macleayi* Obenb., Ent. Blätter, 1922, 73. W.A.
 328. *sulcipennis* Macl., Ent. Soc. N.S.W., 1872, 244. Q.
 329. *uniformis* Macl. (*Anthaxia*) Linn. Soc. N.S.W., 1888, 1227. N.W.A.
thomsoni Obenb., Ent. Blätter, 1922, 73.
 330. *yorkensis* Obenb., l.c., 73. C. York.
 ? *terraereginae* Obenb. (*Anthaxoschema*) Sborn. Ent. Mus.
 Praze, 1923, 23.

Obenberger's species are only scantily indicated by a table. As he himself says "Alle sind einander sehr ähnlich und schwer zum Bestimmen." I think I have been able to determine two of them—*yorkensis* Ob. and *thomsoni*—the latter as above.

THERYAXIA. Cart., Linn. Soc. N.S.W., 1928, 549.

331. *suttoni* Cart., l.c., 550. Stanthorpe, Q.

NEOCURIS. Fairm., Ann. Soc. Ent. Fr., 1877, 334.

332. *aenescens* Cart., Linn. Soc. N.S.W., 1928, 281. Bogan R., N.S.W.
 333. *anthacioides* Fairm., Ann. Soc. Ent. Fr., 1877, 336. S.A. & W.A.
 var. *livida* Cart., Linn. Soc. N.S.W., 1924, 532.
 334. *asperipennis* Fairm., l.c., 339. S.A.
 335. *auroimpressa* Cart., Linn. Soc. N.S.W., 1924, 536. Wide Bay, Q.
 336. *browni* Cart., l.c., 1915, 80. Cue, W.A.
luteotincta Obenb., Col. Rundsch., 1917, 104.
 337. *carteri* Obenb., Sbornik Ent. Nat. Mus. Praze, 1923, 74. N.Q.
 338. *coerulans* Fairm., Ann. Soc. Ent. Fr., 1877, 335. N.S.W.
pilosula Obenb., Sborn. Entom., 1923, 73.
 339. *crassa* Obenb., l.c., 76. N.S.W.
 340. *cuprilatera* Fairm., Ann. Soc. Ent. Fr., 1877, 336. N.S.W.
 ? *indigacea* Obenb., Sbornik Entom., 1923, 75.
 341. *dichroa* Fairm., Ann. Soc. Ent. Fr., 1877, 339. V.
 342. *discoflava* Fairm., l.c. W.A.
 343. *doddi* Cart., Linn. Soc. N.S.W., 1928, 281. Chinchilla, Q.

344. *fairmairei* Blkb., Roy. Soc. S.A., 1887, 249. S.A.
 345. *fortnumi* Hope, Ent. Soc. Lond., 1845, 216. V., S.A.
 346. *gracilis* Macl., Ent. Soc. N.S.W., 1872, 271. N.S.W., Q.
 soror Fairm., Ann. Soc. Ent. Fr., 1877, 387.
 var. *atra* Obenb., Sbornik. Entom., 1923, 74.
 var. *ignota* Obenb., l.c.
 var. *oblongula* Obenb., l.c.
 var. *lepidula* Obenb., l.c.
 347. *guerini* Hope, Ent. Soc. Lond., 1845, 103. N.S.W., S.A.
 348. *monochroma* Fairm., Ann. Soc. Ent. Fr., 1877, 334. N.S.W., S.A.
 349. *nickerli* Obenb., Sbornik. Entom., 1923, 76. Q.
 350. *obscurata* Obenb., l.c., 74.
 351. *ornata* Cart., Linn. Soc. N.S.W., 1912, 509. Q.
 hoscheki Obenb., Col. Randsch., 1917, 104.
 352. *pauperata* Fairm., Ann. Soc. Ent. Fr., 1877, 337. S.A.
 353. *pubescens* Blkb., Roy. Soc. S.A., 1887, 250. S.A.
 354. *smaragdifrons* Obenb., Sbornik. Entom., 1923, 73. N.T.
 355. *thoracica* Fairm., Ann. Soc. Ent. Fr., 1877, 340. S.A. & W.A.
 356. *violacea* Cart., Linn. Soc. N.S.W., 1928, 282. Bellinger R., N.S.W.
 357. *viridiaurea* Macl., Linn. Soc. N.S.W., 1888, 1229. N.W.A.
 358. *viridimicans* Fairm., Ann. Soc. Ent. Fr., 1877, 335. W.A.
 var. *sapphira* Cart., Linn. Soc. N.S.W., 1924, 532.
- PSEUDANILARA*. Théry, Mem. Ent. Soc. Belg., 1910, 32.
 Neotorresita Obenb., Sbornik. Entom., 1923, 19.
359. *bicolor* Cart., Linn. Soc. N.S.W., 1924, 524. N.Q.
 360. *cupripes* Macl. (Anthaxia) Ent. Soc. N.S.W., 1872, 242. . N.S.W., Q., V.
 dilatocollis Blkb. (Neocuris) Roy. Soc. S.A., 1892, 42.
 laticeps Kerr. (Melobasis) Ann. Soc. Ent. Belg., 1898, 126.
 australasiae Kerr. (Melanophila) Jahrb. Hamb. Wiss. Aust.,
 1902, 59.
 achardi Obenb. (Neotorresita) Sborn. Entom., 1923, 20.
361. *dubia* Cart., Linn. Soc. N.S.W., 1926, 57. Q., W.A.
 362. *occidentalis* Cart., l.c., 1924, 525. W.A.
 363. *piliventris* Cart., l.c., 1926, 58. S.A.
 364. *pilosa* Cart. (Neocuris) Linn. Soc. N.S.W., 1912, 510. Q.
 365. *purpureicollis* Macl. (Anthaxia) Ent. Soc. N.S.W., 1872, 242.
 Q., N.S.W., Vic.
 var. *nigra* Macl., l.c.
 nigricans Blkb. (Neocuris) Roy. Soc. S.A., 1892, 43.
 roberti Théry, Mem. Ent. Soc. Belg., 1910, 32.
- Tribe STIGMODERINI
 Sub-tribe *Julodimorphae*.
- JULODIMORPHA*. Thoms., Typ. Bup., 1878, 51.
 366. *bakewelli* White, Ann. Mag. Nat. Hist., 1859, 290. V., S.A., W.A.
 Sub-tribe *Stigmoderae*.
- CALODEMA*. L. & G., Mon. ii., 1838, 70.
 367. *plebeja* Jordan, Ann. Mag. Nat. Hist., 1895, 220. N.Q.
 368. *regalis* L. & G., Mon. ii., 1838, 71. N.S.W. & Q.
 Kirbyi Hope, Col. Man., 1840, 173.
 369. **wallacei* Deyr., Ann. Soc. Ent. Belg., 1864, 78. N.Q. & N. Guinea.
 *fide Blkb., Roy. Soc. S.A., 1896, 35.
- METAXYMORPHA*. Parry, Tr. Ent. Soc. Lond., 1848, 82.
 370. *gloriosa* Blkb., Roy. Soc. S.A., 1894, 207. N.Q.

371. *grayi* Parry, Tr. Ent. Soc. Lond., 1848, 82. N.S.W. & Q.
rubromarginata Théry, Ann. Soc. Ent. Belg., 1922, 261.
372. *hauseri* Théry, Ann. Soc. Ent. Belg., 1926, 167. N.Q.
- CURIS. L. & G., Mon. ii., 1838, 47.
Neocuroopsis Obenb., Sborn. Ent. Mus. Praze, 1923, 22.
373. *aurifera* L. & G., Mon. ii., 1838, 49. N.S.W., V., S.A.
aurovittata Boh., Res. Eugen., 1858, 60.
374. *caloptera* Boisd., Voy. Astrol., 1832, 93.
dives (*Anthaxia*) Hope, Bupr., 1846, 9.
var. *formosa* Gestro, Ann. Mus. Genov., 1877, 443.
confusa Obenb., Sborn. Ent., 1923, 72.
375. *chloriantha* Fairm., Ann. Soc. Ent. Fr., 1877, 330. W.A.
376. *carusca* Waterh., Ann. Mag. Nat. Hist., 1882, 51. V.
377. *despecta* Fairm., Ann. Soc. Ent. Fr., 1877, 328. W.A.
378. *discoidalis* Blkb., Roy. Soc. S.A., 1892, 214. W.A.
379. *intercibrata* Fairm., Ann. Soc. Ent. Fr., 1877, 328. W.A.
380. *obscura* Cart., Linn. Soc. N.S.W., 1924, 530. S.A.
381. *olivacea* Cart., l.c., 1912, 510. Q.
382. *peroni* Fairm., Ann. Soc. Ent. Fr., 1877, 327. Kangaroo Island.
383. *regia* Cart., Linn. Soc. N.S.W., 1928, 277. N.T.
384. *spencei* Mannerh., Bull. Mase., 1837, 68. S.A., W.A.
385. *splendens* Mael., Ent. Soc. N.S.W., 1872, 245. N.S.W. & Q.
brachelytra Fairm., Ann. Soc. Ent. Fr., 1877, 333.
fairmairei Cart., Linn. Soc. N.S.W., 1924, 531.
386. *viridicyanea* Fairm., Ann. Soc. Ent. Fr., 1877, 332. Q.
387. *yalgoensis* Cart., Linn. Soc. N.S.W., 1924, 530. W.A.
- STIGMODERA. Eschscholtz, Zool. Atl., 1829, 9.
388. *cancellata* Don., Ins. N. Holl., 1805, 7. W.A.
dejeani Hope, Bupr., 1836, 7.
dejeaneana Boisd., Voy. Astrol., 1835, 63.
389. *goryi* L. & G., Mon. ii., 1838, 7. N.S.W.
curtisi Hope, Bupr., 1836, 3.
390. *gratiosa* Chevrol., Rev. Zool., 1843, 201. W.A.
smaragdina Hope, Tr. Ent. Soc. Lond., 1847, 283.
391. *jacquinoti* Boisd., Voy. Astrol., 1835, 67. N.S.W.
392. *macularia* Don., Ins. N. Holl., 1805, 8. N.S.W., V.
ciatricosa Dalm., Anal. Ent., 1823, 53.
393. *porosa* Cart., Roy. Soc. S.A., 1916, 110. S.Q.
394. *roei* Saund., Tr. Ent. Soc. Lond., 1868, 24. W.A.
cancellata Boisd., Voy. Astrol., 1835, 62.
vescoei Gehin., Bull. Soc. Moselle, 1855, 6.
395. *sanguinosa* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A., & N.W. Vic.
- S.G. THEMIGNATHA. Solier., Ann. Soc. Ent. Fr., 1833, 291.
396. *aestimata* Kerr., Ann. Ent. Soc. Belg., 1898, 135. V.
397. *affinis* Saund., Jour. Linn. Soc., 1868, 461. N.S.W.
limbata L. & G., Mon. ii., 1838, 36.
adelpha Thoms., Typ. Bup., 1878, 52.
398. *barbiventris* Cart., Roy. Soc. S.A., 1916, 113. N.S.W.
399. *bonvouloiri* Saund., Journ. Linn. Soc., 1868, 460.
400. *brucki* Thoms., Typ. Bup., 1878, 53. W.A.
401. *caroli* Blkb., Roy. Soc. S.A., 1894, 140. W.A.
capucina Blkb., l.c., 1892, 216.
402. *carpentariae* Blkb., l.c., 53. N.Q.

403. *chevrolati* Gehin., Bull. Soc. Moselle., 1855, 10.
imperatrix White, Ann. Mag. Nat. Hist., 1859, 290.
imperator Thoms., Bull. Soc. Ent. Fr., 1879, 14.
404. *chaleodera* Thoms., Typ. Bup., 1878, 52. W.A.
405. *congener* Saund., Ins. Saund., 1869, 1. S.A.
406. *conspicillata* White, Ann. Mag. Nat. Hist., 1843, 344. W.A.
signaticollis Hope, Tr. Ent. Soc. Lond., 1846, 209.
cyanura Hope, l.c., 211.
407. *donorani* L. & G., Mon. ii., 1838, 17. Q.
408. *duboulayi* Saund., Tr. Ent. Soc. Lond., 1872, 253. N.W.A.
409. *ducalis* Cart., Linn. Soc. N.S.W., 1927. W.A.
410. *duponti* Boisd., Voy. Astrol., 1835, 60. S.A. & W.A.
stevensi Gehin., Bull. Soc. Moselle., 1835, 8.
411. *excisicollis* Macl., Ent. Soc. N.S.W., 1862, 31.
addenda Thoms., Typ. Bup., 1878, 52.
sincera Kerr, Ann. Soc. Ent. Belg., 1898, 136.
desperata Obenb., Archiv. für Naturg., 1922, 113.
412. *flavicollis* Saund., Ins. Saund., 1869, 3. S.A.
unicincta Saund., Tr. Ent. Soc. Lond., 1872, 252.
413. *flavocincta* L. & G., Mon. ii., 1838, 6. S.A., W.A.
414. *flavomarginata* Gem. & Har., Cat. Col., 1869, 1400. S.A.
cruentata Murray, Ann. Soc. Ent. Fr., 1852, 253.
415. *fortnumi* Hope, Tr. Ent. Soc. Lond., 1842, 102. . . . N.S.W., V., S.A.
416. *franca* Cart., Roy. Soc. S.A., 1916, 111. N.Q.
417. *gigas* Cart., l.c., 112. W.A.
418. *gloriosa* Cart., l.c., 115. W.A.
419. *grandis* Don., Ep. Ins. N. Holl., 1805, t. 8, fig. 1. N.S.W.
420. *haematica* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A.
clara Kerr., Ann. Soc. Ent. Belg., 1900, 313.
421. *heros* Gehin., Bull. Soc. Moselle., 1855, 7. . . . N.S.W., V., S.A., W.A.
422. *imperialis* Cart., Roy. Soc. S.A., 1916, 116. W.A.
423. *jansoni* Saund., Jour. Linn. Soc., 1868, 462. Q.
424. *laevicollis* Saund., l.c., 466. N.W.A.
425. *latithorax* Thoms., Arch. Ent., 1857, 112. N.S.W.
426. *lessoni* L. & G., Mon. ii., 1838, 127. W.A.
acutithorax Thoms., Arch. Ent., 1857, 113.
427. *limbata* Don., Epit. Ins. N. Holl., 1805, t. 8, fig. 4. N.S.W.
428. *lobicollis* Saund., Jour. Linn. Soc., 1868, 462. Q.
429. *macfarlani* Waterh., Ann. Mag. Nat. Hist., 1881, 463. Torres Strait, N.Q.
430. *marcida* Blkb., Roy. Soc. S.A., 1892, 52. W.A.
431. **marginalis* Cart., Linn. Soc. N.S.W., 1929. W.A.
432. *martini* Saund., Ins. Saund., 1869, 2. N.W.A.
433. *menalcas* Thoms., Bull. Soc. Ent. Fr., 1879, 14. V.
434. *miranda* Cart., Linn. Soc. N.S.W., 1927. W.A.
435. *mitchelli* Hope, Tr. Ent. Soc. Lond., 1846, 209. N.S.W., V., T., S.A., W.A.
stricklandi Hope, l.c., 220.
daphnis Thoms., Arch. Ent., 1857, 112.
ostentatrix Thoms., Bull. Soc. Ent. Fr., 1879, 93.
var 1. *quadrispilota* Saund., Ins. Saund., 1869, 5.
var 2. *tasmanica* Kerr., C.R. Soc. Ent. Belg., 1890, 2.
var 3. *karattae* Blkb., Roy. Soc. S.A., 1890, 149.
436. *mniszewski* Saund., Jour. Linn. Soc., 1868, 460.
437. *murrayi* Gem. & Har., Cat. Col., 1869, 1401. King George's Sound, W.A.
trifasciata Murray, Ann. Soc. Ent. Fr., 1852, 254.
imperatrix Thoms., Bull. Soc. Ent. Fr., 1879, 14.

438. *notaticollis* Cart., Roy. Soc. S.A., 1916, 117. Berrima, N.S.W.
 439. *obscuripennis* Mannerh., Bull. Mose., 1837, 32. W.A.
 rugosipennis Thoms., Arch. Ent., 1857, 111.
 440. *oleata* Blkb., Roy. Soc. S.A., 1894, 142. W.A.
 441. *parryi* Hope, Tr. Ent. Soc. Lond., 1846, 210. S.A.
 fusca Saund., Cat. Bup., 1871, 66.
 paucicollis Saund., Ins. Saund., 1869, 1.
 picea Kerr., C.R. Soc. Ent. Belg., 1890, 40.
 queenslandica Obenb., Arch. für Naturg., 1922, 112.
 442. * *particollis* Cart., Linn. Soc. N.S.W., 1929. W.A.
 443. *pascoei* Saund., Jour. Linn. Soc., 1868, 463. W.A.
 444. *pictipes* Blkb., Roy. Soc. S.A., 1894, 140. W.A.
 445. *praececellens* Kerr., C.R. Soc. Ent. Belg., 1890, 140. N.S.W. & V.
 frenchi Blkb., Roy. Soc. S.A., 1890, 150.
 446. *praeterita* Cart., Linn. Soc. N.S.W., 1924, 20. N.S.W.
 447. *princeps* Blkb., Roy. Soc. S.A., 1891, 137. W.A.
 448. *pubicollis* Waterh., Tr. Ent. Soc. Lond., 1874, 539. W.A.
 major Waterh., l.c.
 lateritia Thoms., Typ. Bup. App. 1a, 1879, 30.
 449. *rectipennis* Blkb., Roy. Soc. S.A., 1891, 138. W.A.
 apicerubra Kerr., Ann. Soc. Ent. Belg., 1900, 314.
 450. *regia* Blkb., Roy. Soc. S.A., 1892, 218. N.Q.
 451. *reichi* L. & G., Mon. ii., 1838, 13. W.A.
 funerea White, Ann. Mag. Nat. Hist., 1843, 344.
 marmorea Blkb., Roy. Soc. S.A., 1890, 148.
 452. *rufocyanea* Cart., l.c., 1916, 117. A.
 453. *sanguinea* Saund., Ins. Saund., 1869, 4. N.W.V., S.A.
 pictiventris Kerr., Ann. Soc. Ent. Belg., 1900, 314.
 avuncularis Thoms., Typ. Bup. App. 1a, 1879, 30.
 454. *sanguineocincta* Saund., Jour. Linn. Soc., 1868, 461. Q.
 alcyone Thoms., Bull. Soc. Ent. Fr., 1879, 77.
 coelestis Thoms., Arch. Ent., 1857, 113.
 455. *sanguinipennis* L. & G., Mon. ii., 1838, 16. V.
 cincticollis Kerr., Ann. Soc. Ent. Belg., 1898, 134.
 456. *sanguiniventris* Saund., Jour. Linn. Soc., 1868, 465. S.A.
 457. *saundersi* Waterh., Ann. Mag. Nat. Hist., 1876, 70. Q., N.S.W.
 obesissima Thoms., Typ. Bup. App. 1a, 1879, 32.
 458. *sexmaculata* Saund., Jour. Linn. Soc., 1868, 465. N.S.W.
 459. *similis* Saund., l.c., 463. Q. & N.S.W.
 460. *spencei* L. & G., Mon. ii., 1838, 13. N.S.W.
 egregia Boh., Eng. Res. Ent., 1858, 60.
 sternoceroides Thoms., Bull. Soc. Ent. Fr., 1879, 13.
 461. *suturalis* Don., Epit. Ins. N. Holl., 1805, pl. 8, fig. 5. N.S.W.
 vertebralis Boisd., Voy. Astrol., 1835, 66.
 462. *tibialis* Waterh., Tr. Ent. Soc. Lond., 1874, 440. S.A. & W.A.
 463. *thoracica* Saund., Jour. Linn. Soc., 1868, 464. N.S.W.
 atalanta Thoms., Bull. Soc. Ent. Fr., 1879, 79.
 464. *tricolorata* Waterh., Tr. Ent. Soc. Lond., 1874, 545. N.W.A.
 465. *variabilis* Don., Epit. Ins. N. Holl., 1805, t. 7, fig. 1. N.S.W., V., S.A., Q.
 kingi W. S. Macl., King Surv., 1827, 441.
 var. *nigripennis* L. & G., Mon. ii., 1838, 15.
 unifasciata L. & G., l.c., 20.
 cyaniventris Kerr., Ann. Soc. Ent. Belg., 1900, 315.

* 431 and 442 unpublished at time of going to press.

- ? *quinquefossulata* Théry, Mem. Ent. Soc. Belg., 1910, 54.
 466. *viridicauda* Cart., Arch. für Zool., 1920, 3. N.Q.
 467. *viridicincta* Waterh., Tr. Ent. Soc. Lond., 1874, 543. Q
 468. *vitticollis* Mael., Ent. Soc. N.S.W., 1862, 30. N.S.W., Q.
 delia Thoms., Bull. Soc. Ent. Fr., 1879, 124.
 fallaciosa Kerr., C.R. Soc. Ent. Belg., 1890, 41.
 469. *westwoodi* Saund., Jour. Linn. Soc., 1868, 464. S.A., W.A.
 470. *wimmerae* Blkb., Roy. Soc. S.A., 1890, 151. V.
 471. *yarrelli* L. & G., Mon. ii., 1838, 14. W.A.
 var 1. *flavipennis* Gehin., Bull. Soc. Moselle., 1855, 11.
 var 2. *elegans* Gehin., l.c., 12.
 var 3. *varicollis* Cart., Linn. Soc. N.S.W., 1912, 497.

S. G. CASTIARINI. Lap et Gory, Mon. Bupr., 1838, 22.

472. *abdominalis* Saund., Jour. Linn. Soc., 1868, 467. N.S.W.
 ? *unica* Kerr., Ann. Ent. Soc. Belg., 1898, 150.
 473. *acuminata* Kerr., Auu. Ent. Soc. Belg., 1898, 142. N.Q.
 474. *acuticeps* Saund., Ins. Saund., 1869, 19. W.A.
 475. *acuticollis* Cart., Linn. Soc. N.S.W., 1916, 133. Q.
 476. *aeneicornis* Saund., Jour. Linn. Soc., 1868, 472. N.W.A. & N.S.W.
 477. *affabilis* Kerr., Ann. Soc. Ent. Belg., 1898, 141. Stradbroke IS., Q.
 simplex Kerr., Gen. Ins., 1902, 210.
 478. *alternecosta* Thoms., Typ. Bup. App. 1a, 1879, 35. V., N.S.W., Q.
 479. *alexandri* Cart., l.c., 1916, 119. W.A.
 480. *alternatu* Lunnh., "Amongst cannibals," 1889, 197. N.Q.
 alacris Kerr., Bull. Soc. Ent. Belg., 1890, 47.
 libens Kerr., Gen. Ins., 1902, 209.
 quadrinotata Blkb., Roy. Soc. S.A., 1892, 49.
 481. *amabilis* L. & G., Mon. ii., 1838, 19. W.A.
 482. *analis* Saund., Ins. Saund., 1869, 7. S.Q.
 483. *anchoralis* L. & G., Mon. ii., 1838, 26. W.A.
 agrestis Kerr., Ann. Soc. Ent. Belg., 1898, 140.
 arborifera Blkb., Roy. Soc. S.A., 1892, 51.
 484. *andersoni* L. & G., Mon. ii., 1838, 42. N.S.W., V.
 var. *verax* Kerr., Ann. Soc. Ent. Belg., 1898, 146.
 485. *argillacea* Cart., Roy. Soc. S.A., 1916, 126. N.W.V.
 486. *assimilis* Hope, Tr. Ent. Soc. Lond., 1846, 212. N.S.W., V.
 487. *attenuata* Cart., Roy. Soc. S.A., 1916, 132. V.
 488. *atricollis* Saund., Ins. Saund., 1869, 22. S.A. & W.A.
 tripartita Kerr., Ann. Soc. Belg., 1900, 317.
 489. *atronotata* Waterh., Tr. Ent. Soc. Lond., 1874, 542. Q.
 guttaticollis Blkb., Roy. Soc. S.A., 1890, 158.
 consularis Kerr., Ann. Soc. Ent. Belg., 1900, 149.
 490. *audax* Saund., Ins. Saund., 1869, 5. A.
 491. *aureola* Cart., Linn. Soc. N.S.W., 1912, 499. W.A.
 492. *auricollis* Thoms., Arch. Ent., 1857, 114. N.S.W., Q.
 ochreiventris Saund., Ins. Saund., 1869, 8.
 strigata Mael., Ent. Soc. N.S.W., 1862, 27.
 pallidipennis Blkb., Roy. Soc. S.A., 1890, 154.
 493. *aurifera* Cart., Linn. Soc. N.S.W., 1922, 68. N.Q.
 494. *aurolimbata* Cart., l.c. N.Q.
 495. *australasiae* L. & G., Mon. ii., 1838, 32. N.S.W., V., T., S.A.
 simulata Hope, Bup., 1836, 3.
 melbournensis Thoms., Typ. Bup. App. 1a, 1879, 34.

496. *balteata* Saund., Ins. Saund., 1869, 16. N.S.W.
postica Thoms., Typ. Bup. App. 1a, 1879, 37.
497. *bella* Saund., Cat. Bup., 1871, 71. N.S.W., V.
crucantata L. & G., Mon. ii., 1838, 29.
var. *dixonii* Cart., Linn. Soc. N.S.W., 1926, 57.
498. *bicincta* Boisd., Voy. Astrol., 1835, 89.
bicingulata L. & G., Mon. ii., 1838, 30.
dejeani Gory., Mon. iv., 1841, errata.
trispinosa Kerr., C.R. Soc. Ent. Belg., 1890, 43.
499. *bifasciata* Saund., Jour. Linn. Soc., 1868, 263. W.A.
500. *biguttata* Macl., Ent. Soc. N.S.W., 1862, 24. Q.
terrae-reginae Blkb., Roy. Soc. S.A., 1893, 295.
triangulosa Kerr., Ann. Soc. Ent. Belg., 1898, 147.
501. *bimaculata* Saund., Jour. Linn. Soc., 1868, 481. . . N.W.V., S.A. & W.A.
punctiventris Saund., l.c., 17.
guttata Blkb., Roy. Soc. S.A., 1890, 158.
var 1. *minor* Blkb., l.c.
var 2. *ignea* Blkb., Roy. Soc. S.A., 1892, 219.
502. *binotata* Saund., Cat. Bup., 1871, 72. N.A.
bimaculata Saund., Ins. Saund., 1869, 7.
503. *blackburni* Cart., l.c., 1916, 118. S.A.
504. *bremei* Hope, Tr. Ent. Soc. Lond., 1845, 102. N.S.W., V.
505. *browni* Cart., Roy. Soc. S.A., 1916, 121. W.A.
506. *brutella* Thoms., Typ. Bup. App. 1a, 1879, 37. N.S.W.
terminalis Kerr., C.R. Soc. Ent. Belg., 1890, 45.
507. *burchelli* L. & G., Mon. ii., 1868, 38. N.S.W., W.A.
508. *campestris* Blkb., Roy. Soc. S.A., 1897, 30. Q.
saundersiana Obenb., Arch. für Naturg., 1922, 120.
509. *cara* Blkb., Roy. Soc. S.A., 1892, 216. Q.
placens Kerr., Ann. Soc. Ent. Belg., 1898, 139.
510. *carinata* Macl., Ent. Soc. N.S.W., 1862, 26. Q.
opacula Obenb., Arch. für Naturg., 1922, 121.
511. *carminea* Saund., Jour. Linn. Soc., 1868, 474. N.S.W.
512. *castelnaudi* Saund., Ins. Saund., 1869, 9. N.W.V., S.A. & W.A.
castelnaudi Thoms., Typ. Bup., 1878, 53.
thomsoniana Mast., Cat. Col., 1886, 273.
laportei Kerr., C.R. Soc. Ent. Belg., 1890, 42.
513. *caudata* Kerr., Ann. Soc. Ent. Belg., 1900, 316. N.S.W.
514. *chobauti* Théry, Bull. Soc. Ent. Fr., 1895, 328. A.
515. *cinnamomea* Macl., Ent. Soc. N.S.W., 1862, 25.
516. *clancula* Obenb., Arch. für Naturg., 1922, 117. Q.
517. *clarki* Cart., Linn. Soc. N.S.W., 1922, 69. S.W.A.
518. *coccinata* Hope, Tr. Ent. Soc. Lond., 1845, 105. S.A. & W.A.
elegantula White, Stokes Journ., 1846, 507.
519. *coeruleipes* Saund., Ins. Saund., 1869, 13. N.S.W., S.A.
520. *cognata* Kerr., Ann. Ent. Soc. Belg., 1898, 136. N.S.W.
521. *colligens* Kerr., l.c., 1890, 44. Q.
522. *commixta* Cart., Linn. Soc. N.S.W., 1924, 26. Sydney, N.S.W.
523. *confinis* Kerr., Ann. Soc. Ent. Belg., 1898, 151. A.
524. *confusa* Waterh., Tr. Ent. Soc. Lond., 1874, 541. Q.
525. *convexa* Cart., Linn. Soc. N.S.W., 1913, 506. W.A.
526. *cordifer* Kerr., C.R. Soc. Ent. Belg., 1890, 44. W.A.
527. *costata* Saund., Jour. Linn. Soc., 1868, 470. N.S.W.
528. *costipennis* Saund., Ins. Saund., 1868, 13. N.S.W.

529. *crenata* Don., Epit. Ins. N. Holl., t. 7, fig. 3. A.
amphichroa Boisd., Voy. Astrol., 1835, 20.
sexspilota L. & G., Mon. ii., 1838, 35.
sieboldi L. & G., l.c., 38.
530. *crocicolor* L. & G., Mon. ii., 1838, 44. W.A.
consanguinea Saund., Tr. Ent. Soc. Lond., 1868, 49.
531. *cruenta* L. & G., l.c., 29. N.S.W.
532. *crux* Saund., Jour. Linn. Soc., 1868, 473. A.
533. *cupida* Kerr., Ann. Soc. Ent. Belg., 1894, 138. N.S.W. & Q.
534. *cupricauda* Saund., Ins. Saund., 1869, 475. N.S.W.
535. *cupricollis* Saund., Jour. Linn. Soc., 1868, 470. N.S.W.
alterzona Thoms., Typ. Bup., 1878, 54.
deyrollei Thoms., Bull. Soc. Ent. Fr., 1879, 125.
julia Thoms., Typ. Bup. App. 1a, 1879, 31.
536. *cyanipes* Saund., Jour. Linn. Soc., 1868, 468. S.A., W.A.
537. *cydista* Rainb., Rec. Aus. Mus., 1904, 246. N.S.W.
538. *cylindracea* Saund., Jour. Linn. Soc., 1868, 476. S.A., W.A.
bucolica Kerr., Ann. Soc. Ent. Belg., 1898, 42.
539. *decemmaculata* Kirby, Tr. Linn. Soc., 1818, 456. . . Q., N.S.W., V., S.A.
inaequalis Kerr., Gen. Ins., 1902, 207.
540. *decipiens* Westw., Mag. Zool. Bot., 1837, 253. Q.
capucina Thoms., Rev. & Mag. Zool., 1856, 116.
tricarinata Macl., Ent. Soc. N.S.W., 1862, 29.
var. *octocostata* Cart., Roy. Soc. S.A., 1916, 130.
541. *delectabilis* Hope, Tr. Ent. Soc. Lond., 1847, 284. . . . N.S.W., V., S.A.
542. *deleta* Kerr., Gen. Ins., 1902, 208. Q.
543. *delta* Thoms., Typ. Bup. App. 1a, 1879, 38. Q., N.S.W.
deceptor Kerr., Gen. Ins., 1902, 209.
544. *dcllicatula* Kerr., l.c., 209. Q.
? *guttifera* Obenb., Archiv. für Naturg., 1922, 121.
545. *desideria* Cart., Roy. Soc. S.A., 1916, 122. Cue, W.A.
546. *deuqueti* Cart., Linn. Soc. N.S.W., 1927. Armidale, N.S.W.
547. *diana* Obenb., Archiv. für Naturg., 1922, 120. A.
548. *dicax* Obenb., l.c., 119. N.Q.
549. *dilatocollis* Cart., Linn. Soc. N.S.W., 1927. W.A.
550. *dimidata* Cart., l.c., 1908. N.S.W., T,
var. *leai* Cart., Roy. Soc. S.A., 1916, 136; Linn. Soc. N.S.W.,
1919, 138.
dorsalis Obenb., Archiv. für Naturg., 1922, 120.
551. *disjecta* Kerr., C.R. Soc. Ent. Belg., 1890, 48. Q.
552. *distincta* Saund., Jour. Linn. Soc., 1868, 473. Q.
sternalis Blkb., Roy. Soc. S.A., 1892, 47.
deliciosa Kerr., Ann. Soc. Ent. Belg., 1898, 145.
var. *baliola* Kerr., l.c., 144.
var. *inermis* Kerr., C.R. Soc. Ent. Belg., 1890, 45.
553. *distinguenda* Saund., Ins. Saund., 1869, 9. A.
554. *doddi* Cart., Linn. Soc. N.S.W., 1913, 505. N.Q.
555. **duaringae* Cart., l.c., 1929. Q.
556. *elderi* Blkb., Roy. Soc. S.A., 1892, 36. W.A.
rustica Kerr., Ann. Soc. Ent. Belg., 1898, 154.
diversa Kerr., l.c., 1900, 317.
557. *elongata* Saund., Jour. Linn. Soc., 1868, 408. W.A.
558. *elongatula* Macl., Ent. Soc. N.S.W., 1872, 246. Q., N.S.W., V., S.A., W.A.

* Unpublished at time of going to press.

559. *eremita* Blkb., Roy. Soc. S.A., 1890, 153. W.A.
 560. *erubescens* Blkb., l.e., 1901. N.Q.
 561. *erythromelas* Boisd., Voy. Astrol., 1835, 75. N.S.W., V., T.
 armata Thoms., Typ. Bup. App. 1a, 1879, 31.
 longula Blkb., Roy. Soc. S.A., 1892, 54.
 562. *fairmairei* Kerr., Ann. Soc. Ent. Belg., 1898, 140. N.S.W.
 563. *felix* Kerr., l.e., 142. W.A.
 564. *festiva* Cart., Roy. Soc. S.A., 1916, 138. Q.
 565. *filiformis* Blkb., l.e., 1892, 217. W.A.
 566. *flava* Saund., Ins. Saund., 1869, 17. N.W.V., S.A.
 flava Thoms., Typ. Bup., 1878, 55.
 flavesceus Mast., Cat. Col., 1886, 86.
 flavidula Kerr., C.R. Soc. Ent. Belg., 1890, 47.
 567. *flaviceps* Cart., Linn. Soc. N.S.W., 1912, 504. W.A.
 568. *flavopicta* Boisd., Voy. Astrol., 1835, 92. N.S.W., V., T., S.A.
 bicolor L. & G., Mon. ii., 1838, 39.
 colorata Hope, Tr. Ent. Soc. Lond., 1846, 283.
 569. *flavopurpurea* Cart., Linn. Soc. N.S.W., 1908, 421. N.S.W.
 570. *flavosignata* Macl., Ent. Soc. N.S.W., 1862, 30. Q.
 circumflexa Obenb., Archiv. für Naturg., 1922, 121.
 571. *flavovaria* Saund., Cat. Bup., 1871, 74. N.S.W. & W.A.
 flavopicta L. & G., Mon. ii., 1838, 44.
 timida Kerr., Ann. Soc. Ent. Belg., 1898, 147.
 572. *flavoviridis* Cart., Linn. Soc. N.S.W., 1927. Mt. Kosciusko, N.S.W.
 573. *flindersi* Cart., l.e., 1922, 70. S.A.
 574. *fossoria* Cart., l.e., 1927. V.
 575. *fulviventris* Macl., Ent. Soc. N.S.W., 1862, 22. Q., N.W.V.
 guttigera Blkb., Roy. Soc. S.A., 1901, 24.
 576. *generosa* Kerr., Ann. Soc. Ent. Belg., 1898, 150. N.S.W.
 577. *gentilis* Kerr., Ann. Soc. Ent. Belg., 1900, 316. N.S.W.
 578. *gibbicollis* Saund., Jour. Linn. Soc., 1868, 470. S.A.
 fascigera Kerr., C.R. Soc. Belg., 1890, 42.
 579. *gracilior* Cart., Linn. Soc. N.S.W., 1915, 82. Q.
 gracilis Cart., l.e., 1912, 508.
 580. *grata* Saund., Ins. Saund., 1869, 11. Q., N.S.W., V., S.A.
 581. *harrisoni* Cart., Linn. Soc. N.S.W., 1925, 230. Barrington, N.S.W.
 581a. *haswelli* Cart., Roy. Soc. S.A., 1916, 128. Q.
 582. *helmsi* Cart., l.e., 1906, 259. Alpine V. & N.S.W.
 583. *hilaris* Hope, Tr. Ent. Soc. Lond., 1846, 213. N.S.W. & V.
 584. *hirundicauda* Cart. Roy. Soc. S.A., 1916, 137. W.A.
 585. *hoffmannsegi* Hope, Tr. Ent. Soc. Lond., 1846, 211. N.S.W. & W.A.
 586. *hopei* Saund., l.e., 1868, 39. W.A.
 burchelli Hope, Bup., 1836, 3.
 placida Thoms., Typ. Bup. App. 1a, 1879, 33.
 587. *horni* Kerr., Deutsch. Ent. Zeit., 1908. N.Q.
 unimaculata Cart., Linn. Soc. N.S.W., 1908, 420.
 588. *hostilis* Blkb., Roy. Soc. S.A., 1892, 46. W.A.
 589. *humeralis* Kerr., Gen. Ins., 1902, 207. N.S.W.
 tillyardi Cart., Linn. Soc. N.S.W., 1912, 502.
 590. *ignota* Saund., Ins. Saund., 1869, 12. N.S.W. & V.
 var. *semisuturalis* Saund., Jour. Linn. Soc., 1868, 468.
 591. *immaculata* Cart., Linn. Soc. N.S.W., 1915, 81. Cue, W.A.
 592. *impressicollis* Macl., Ent. Soc. N.S.W., 1862, 32. N.S.W. & Q.
 costalis Saund., Ins. Saund., 1869, 14.

593. *inconspicua* Saund., Jour. Linn. Soc., 1868, 476. N.S.W.
 594. *indistincta* Saund., Ins. Saund., 1869, 11. N.S.W.
 595. *insignicollis* Blkb., Roy. Soc. S.A., 1900, 45. Cue, W.A.
 596. *insignis* Blkb., l.e., 1892, 217. N.S.W. & V.
 597. *insularis* Blkb., l.e., 1897, 30. T.
 598. *iospilota* L. & G., Mon. ii, 1838, 35. N.S.W.
 599. *jekelli* Saund., Jour. Linn. Soc., 1868, 467. S.A. & W.A.
 600. *jubata* Blkb., Roy. Soc. S.A., 1890, 150. T.
 601. *jucunda* Saund., Jour. Linn. Soc., 1868, 481. S.Q. & N.S.W.
 602. *kirbyi* Guér., Voy. Coquille., 1836, 65. N.S.W., V. & S.A.
 vivida Hope, Bupr., 1836, 5.
 603. *kerremansi* Blkb., Roy. Soc. S.A., 1890, 147. N.S.W.
 apicalis Kerr., C.R. Soc. Ent. Belg., 1890, 45.
 604. *kershawi* Cart., Linn. Soc. N.S.W., 1924, 522. N.S.W. & V.
 605. *laena* Thoms., Typ. Bup. App. 1a, 1879, 36. W.A.
 var. *electa* Kerr., Ann. Soc. Ent. Belg., 1898, 154.
 606. *latipes* Cart., Linn. Soc. N.S.W., 1924, 21. N.S.W.
 607. *lepida* Cart., Roy. Soc. S.A., 1916, 129. Cue, W.A.
 608. *lipputana* Thoms., Arch. Ent., 1857, 114. Q. & N.S.W.
 (*Neocuris*) *mastersi* Macl., Ent. Soc. N.S.W., 1872, 241.
 ocularis Kerr., Ann. Soc. Ent. Belg., 1898, 42.
 ? *dawsonensis* Blkb., Roy. Soc. S.A., 1890, 155.
 609. *longicollis* Saund., Ins. Saund., 1869, 21. W.A.
 610. *luteipennis* L. & G., Mon. IV, 1841, 130. N.S.W.
 611. *luteocincta* Saund., Jour. Linn. Soc., 1868, 478. N.S.W.
 612. *macleayi* Blkb., Roy. Soc. S.A., 1892, 48. Q.
 613. *maculicollis* Cart., l.e., 1916, 127. Q.
 614. *maculifer* Kerr., Gen. Ins., 1902, 208. N.S.W. & Q.
 615. *maculipennis* Saund., Jour. Linn. Soc., 1868, 480. N.S.W.
 616. *maculiventris* Macl., Ent. Soc. N.S.W., 1862, 32. Q.
 nickerli Obenb., Arch. für Naturg., 1922, 113.
 strandi Obenb., l.e., 114.
 617. *magnifica* Blkb., Roy. Soc. S.A., 1896, 35. N.Q.
 618. *mansueta* Kerr., Ann. Soc. Ent. Belg., 1898, 155. W.A.
 619. *marginicervex* Thoms., Typ. Bup. App. 1a, 1879, 31. A.
 620. *marginicollis* Saund., Jour. Linn. Soc., 1868, 469. N.S.W. & Q.
 ? *bifasciatella* Obenb., Arch. für Naturg., 1922.
 621. *mastersi* Macl., Ent. Soc. N.S.W., 1872, 245. Q.
 hoblerae Cart., Linn. Soc. N.S.W., 1922, 70.
 622. *militaris* Cart., l.e., 71. N.S.W. & V.
 623. *minuta* Blkb., Roy. Soc. S.A., 1892, 44. Q.
 624. *moribunda* Saund., Ins. Saund., 1869, 18. Q.
 dispar Blkb., Roy. Soc. S.A., 1892, 50.
 625. *mustelamajor* Thoms., Arch. Ent., 1857, 115. N.S.W., V., S.A.
 gibbosa Macl., Ent. Soc. N.S.W., 1862, 26
 626. *nanula* Kerr., C.R. Soc. Ent. Belg., 1890, 48. N.S.W.
 627. *nasuta* Saund., Ins. Saund., 1869, 15. N.S.W.
 628. *neglecta* Cart., Roy. Soc. S.A., 1916, 123. Blue Mts., N.S.W.
 629. *nigriventris* Macl., Ent. Soc. N.S.W., 1862, 27. Q.
 630. *nova* Kerr., Gen. Ins., 1902, 208. N.S.W.
 631. *obscura* Saund., Ins. Saund., 1869, 26. S.A. & W.A.
 var. *transversepicta* Thoms., Typ. Bup. App. 1a, 1879, 35.
 632. *obliqua* Kerr., Gen. Ins., 1902, 209. N.S.W.
 633. *obsepta* Kerr., C.R. Soc. Ent. Belg., 1890, 44. Q.
 634. *observaus* Kerr., Ann. Soc. Ent. Belg., 1898, 139. Q.